# Tai Tham

**Range: 1A20–1AAF**

**DRAFT The Unicode Standard, Version 16.0 BETA REVIEW**

This file contains an excerpt from the character code tables and list of character names for
*DRAFT The Unicode Standard, Version 16.0 BETA REVIEW*

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*See https://www.unicode.org/errata/ for an up-to-date list of errata.*

See https://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See https://www.unicode.org/charts/PDF/Unicode-15.1/ for charts showing only the characters added in Unicode 15.1.
See https://www.unicode.org/Public/15.1.0/charts/ for a complete archived file of character code charts for Unicode 15.1.
See https://www.unicode.org/charts/About.html#Conventions for conventions used in these code charts, and other general information.

## Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.1 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 15.1, online at https://www.unicode.org/versions/Unicode15.1.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

*See https://www.unicode.org/ucd/ and http://www.unicode.org/reports/*

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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*See https://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.*
*See https://www.unicode.org/charts/About.html for more information concerning the conventions and symbols used in these code charts.*

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|   | 1A2 | 1A3 | 1A4 | 1A5 | 1A6 | 1A7 | 1A8 | 1A9 | 1AA |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | ᨠ 1A20 | ᨰ 1A30 | ᩀ 1A40 | ᩐ 1A50 | ᩠ 1A60 | ᩰ 1A70 | ᪀ 1A80 | ᪐ 1A90 | ᪠ 1AA0 |
| 1 | ᨡ 1A21 | ᨱ 1A31 | ᩁ 1A41 | ᩑ 1A51 | ᩡ 1A61 | ᩱ 1A71 | ᪁ 1A81 | ᪑ 1A91 | ᪡ 1AA1 |
| 2 | ᨢ 1A22 | ᨲ 1A32 | ᩂ 1A42 | ᩒ 1A52 | ᩢ 1A62 | ᩲ 1A72 | ᪂ 1A82 | ᪒ 1A92 | ᪢ 1AA2 |
| 3 | ᨣ 1A23 | ᨳ 1A33 | ᩃ 1A43 | ᩓ 1A53 | ᩣ 1A63 | ᩳ 1A73 | ᪃ 1A83 | ᪓ 1A93 | ᪣ 1AA3 |
| 4 | ᨤ 1A24 | ᨴ 1A34 | ᩄ 1A44 | ᩔ 1A54 | ᩤ 1A64 | ᩴ 1A74 | ᪄ 1A84 | ᪔ 1A94 | ᪤ 1AA4 |
| 5 | ᨥ 1A25 | ᨵ 1A35 | ᩅ 1A45 | ᩕ 1A55 | ᩥ 1A65 | ᩵ 1A75 | ᪅ 1A85 | ᪕ 1A95 | ᪥ 1AA5 |
| 6 | ᨦ 1A26 | ᨶ 1A36 | ᩆ 1A46 | ᩖ 1A56 | ᩦ 1A66 | ᩶ 1A76 | ᪆ 1A86 | ᪖ 1A96 | ᪦ 1AA6 |
| 7 | ᨧ 1A27 | ᨷ 1A37 | ᩇ 1A47 | ᩗ 1A57 | ᩧ 1A67 | ᩷ 1A77 | ᪇ 1A87 | ᪗ 1A97 | ᪧ 1AA7 |
| 8 | ᨨ 1A28 | ᨸ 1A38 | ᩈ 1A48 | ᩘ 1A58 | ᩨ 1A68 | ᩸ 1A78 | ᪈ 1A88 | ᪘ 1A98 | ᪨ 1AA8 |
| 9 | ᨩ 1A29 | ᨹ 1A39 | ᩉ 1A49 | ᩙ 1A59 | ᩩ 1A69 | ᩹ 1A79 | ᪉ 1A89 | ᪙ 1A99 | ᪩ 1AA9 |
| A | ᨪ 1A2A | ᨺ 1A3A | ᩊ 1A4A | ᩚ 1A5A | ᩪ 1A6A | ᩺ 1A7A |  |  | ᪪ 1AAA |
| B | ᨫ 1A2B | ᨻ 1A3B | ᩋ 1A4B | ᩛ 1A5B | ᩫ 1A6B | ᩻ 1A7B |  |  | ᪫ 1AAB |
| C | ᨬ 1A2C | ᨼ 1A3C | ᩌ 1A4C | ᩜ 1A5C | ᩬ 1A6C | ᩼ 1A7C |  |  | ᪬ 1AAC |
| D | ᨭ 1A2D | ᨽ 1A3D | ᩍ 1A4D | ᩝ 1A5D | ᩭ 1A6D |  |  |  | ᪭ 1AAD |
| E | ᨮ 1A2E | ᨾ 1A3E | ᩎ 1A4E | ᩞ 1A5E | ᩮ 1A6E |  |  |  |  |
| F | ᨯ 1A2F | ᨿ 1A3F | ᩏ 1A4F |  | ᩯ 1A6F | ᩿ 1A7F |  |  |  |

*The Tai Tham script is also known as Lanna as well as Old Tai Lue. It is used for the Khuen, Northern Thai, and Tai Lue languages. The glyphs shown in the code chart are in Khuen and Tai Lue style.*

## Consonants

| | | |
|---|---|---|
| 1A20 | ဪ | TAI THAM LETTER HIGH KA |
| 1A21 | ခ | TAI THAM LETTER HIGH KHA |
| 1A22 | ၆ | TAI THAM LETTER HIGH KXA |
| 1A23 | ၀ | TAI THAM LETTER LOW KA |
| 1A24 | ၆ | TAI THAM LETTER LOW KXA |
| 1A25 | ဿ | TAI THAM LETTER LOW KHA |
| 1A26 | ၍ | TAI THAM LETTER NGA |
| 1A27 | ၈ | TAI THAM LETTER HIGH CA |
| 1A28 | ၏ | TAI THAM LETTER HIGH CHA |
| 1A29 | ၏ | TAI THAM LETTER LOW CA |
| 1A2A | ၆ | TAI THAM LETTER LOW SA |
| 1A2B | ၏ | TAI THAM LETTER LOW CHA |
| 1A2C | ၈ | TAI THAM LETTER NYA |
| 1A2D | ၀ | TAI THAM LETTER RATA |
| 1A2E | ၍ | TAI THAM LETTER HIGH RATHA |

• an alternative glyph with the upper part shaped like 1A33 ၈ is used in Thailand and Laos
• contrast the sequence 1A2D ၀ 1A5B ၍

| | | |
|---|---|---|
| 1A2F | ၆ | TAI THAM LETTER DA |
| 1A30 | ၈ | TAI THAM LETTER LOW RATHA |
| 1A31 | ၀၀ | TAI THAM LETTER RANA |
| 1A32 | ၀၀ | TAI THAM LETTER HIGH TA |
| 1A33 | ၈ | TAI THAM LETTER HIGH THA |
| 1A34 | ၆ | TAI THAM LETTER LOW TA |
| 1A35 | ၀ | TAI THAM LETTER LOW THA |
| 1A36 | ၆ | TAI THAM LETTER NA |
| 1A37 | ၀ | TAI THAM LETTER BA |
| 1A38 | ၂ | TAI THAM LETTER HIGH PA |
| 1A39 | ၈ | TAI THAM LETTER HIGH PHA |
| 1A3A | ၆ | TAI THAM LETTER HIGH FA |
| 1A3B | ၈ | TAI THAM LETTER LOW PA |
| 1A3C | ၆ | TAI THAM LETTER LOW FA |
| 1A3D | ၀၀ | TAI THAM LETTER LOW PHA |
| 1A3E | ၈ | TAI THAM LETTER MA |
| 1A3F | ၀၀ | TAI THAM LETTER LOW YA |
| 1A40 | ၂ | TAI THAM LETTER HIGH YA |
| 1A41 | ၈ | TAI THAM LETTER RA |
| 1A42 | ၈ | TAI THAM LETTER RUE |
| 1A43 | ၀၀ | TAI THAM LETTER LA |
| 1A44 | ၈ | TAI THAM LETTER LUE |
| 1A45 | ၀ | TAI THAM LETTER WA |
| 1A46 | ၈ | TAI THAM LETTER HIGH SHA |
| 1A47 | ၈ | TAI THAM LETTER HIGH SSA |
| 1A48 | ၀၀ | TAI THAM LETTER HIGH SA |
| 1A49 | ၀ | TAI THAM LETTER HIGH HA |
| 1A4A | ၈ | TAI THAM LETTER LLA |
| 1A4B | ၈ | TAI THAM LETTER A |

• indicates a glottal consonant

| | | |
|---|---|---|
| 1A4C | ၈ | TAI THAM LETTER LOW HA |

## Independent vowels

| | | |
|---|---|---|
| 1A4D | ၈ | TAI THAM LETTER I |
| 1A4E | ၈ | TAI THAM LETTER II |
| 1A4F | ၈ | TAI THAM LETTER U |
| 1A50 | ၆ | TAI THAM LETTER UU |
| 1A51 | ၈ | TAI THAM LETTER EE |
| 1A52 | ၈ | TAI THAM LETTER OO |

## Consonants

| | | |
|---|---|---|
| 1A53 | ၈ | TAI THAM LETTER LAE |
| 1A54 | ၀၀၀ | TAI THAM LETTER GREAT SA |

## Consonant signs

| | | |
|---|---|---|
| 1A55 | ၈ | TAI THAM CONSONANT SIGN MEDIAL RA |
| 1A56 | ၈ | TAI THAM CONSONANT SIGN MEDIAL LA |
| 1A57 | ၈ | TAI THAM CONSONANT SIGN LA TANG LAI |
| 1A58 | ၈ | TAI THAM SIGN MAI KANG LAI |
| 1A59 | ၈ | TAI THAM CONSONANT SIGN FINAL NGA |
| 1A5A | ၈ | TAI THAM CONSONANT SIGN LOW PA |
| 1A5B | ၈ | TAI THAM CONSONANT SIGN HIGH RATHA OR LOW PA |
| 1A5C | ၈ | TAI THAM CONSONANT SIGN MA |
| 1A5D | ၈ | TAI THAM CONSONANT SIGN BA |
| 1A5E | ၈ | TAI THAM CONSONANT SIGN SA |

## Sign

| | | |
|---|---|---|
| 1A60 | ၈ | TAI THAM SIGN SAKOT |

## Dependent vowel signs

| | | |
|---|---|---|
| 1A61 | ၈ | TAI THAM VOWEL SIGN A |
| 1A62 | ၆ | TAI THAM VOWEL SIGN MAI SAT |
| 1A63 | ၈ | TAI THAM VOWEL SIGN AA |
| 1A64 | ၈ | TAI THAM VOWEL SIGN TALL AA |
| 1A65 | ၈ | TAI THAM VOWEL SIGN I |
| 1A66 | ၈ | TAI THAM VOWEL SIGN II |
| 1A67 | ၈ | TAI THAM VOWEL SIGN UE |
| 1A68 | ၈ | TAI THAM VOWEL SIGN UUE |
| 1A69 | ၀ | TAI THAM VOWEL SIGN U |
| 1A6A | ၀ | TAI THAM VOWEL SIGN UU |
| 1A6B | ၈ | TAI THAM VOWEL SIGN O |
| 1A6C | ၈ | TAI THAM VOWEL SIGN OA BELOW |
| 1A6D | ၈ | TAI THAM VOWEL SIGN OY |
| 1A6E | ၈ | TAI THAM VOWEL SIGN E |
| 1A6F | ၈ | TAI THAM VOWEL SIGN AE |
| 1A70 | ၈ | TAI THAM VOWEL SIGN OO |
| 1A71 | ၈ | TAI THAM VOWEL SIGN AI |
| 1A72 | ၈ | TAI THAM VOWEL SIGN THAM AI |
| 1A73 | ၈ | TAI THAM VOWEL SIGN OA ABOVE |
| 1A74 | ၈ | TAI THAM SIGN MAI KANG |

## Tone marks

| | | |
|---|---|---|
| 1A75 | ၈ | TAI THAM SIGN TONE-1 |
| 1A76 | ၆ | TAI THAM SIGN TONE-2 |
| 1A77 | ၈ | TAI THAM SIGN KHUEN TONE-3 |
| 1A78 | ၈ | TAI THAM SIGN KHUEN TONE-4 |
| 1A79 | ၈ | TAI THAM SIGN KHUEN TONE-5 |

## Other marks

| | | |
|---|---|---|
| 1A7A | ၈ | TAI THAM SIGN RA HAAM |

• indicates following character(s) are not sounded

| | | |
|---|---|---|
| 1A7B | ၈ | TAI THAM SIGN MAI SAM |
| 1A7C | ၈ | TAI THAM SIGN KHUEN-LUE KARAN |

## Cryptogrammic mark

| | | |
|---|---|---|
| 1A7F | ၈ | TAI THAM COMBINING CRYPTOGRAMMIC DOT |

## Hora digits

| | | |
|---|---|---|
| 1A80 | ၀ | TAI THAM HORA DIGIT ZERO |
| 1A81 | ၀ | TAI THAM HORA DIGIT ONE |
| 1A82 | ၂ | TAI THAM HORA DIGIT TWO |
| 1A83 | ၈ | TAI THAM HORA DIGIT THREE |
| 1A84 | ၄ | TAI THAM HORA DIGIT FOUR |

1A85 ᪅ TAI THAM HORA DIGIT FIVE
1A86 ᪆ TAI THAM HORA DIGIT SIX
1A87 ᪇ TAI THAM HORA DIGIT SEVEN
1A88 ᪈ TAI THAM HORA DIGIT EIGHT
1A89 ᪉ TAI THAM HORA DIGIT NINE

### Tham digits

1A90 ᪐ TAI THAM THAM DIGIT ZERO
1A91 ᪑ TAI THAM THAM DIGIT ONE
1A92 ᪒ TAI THAM THAM DIGIT TWO
1A93 ᪓ TAI THAM THAM DIGIT THREE
1A94 ᪔ TAI THAM THAM DIGIT FOUR
1A95 ᪕ TAI THAM THAM DIGIT FIVE
1A96 ᪖ TAI THAM THAM DIGIT SIX
1A97 ᪗ TAI THAM THAM DIGIT SEVEN
1A98 ᪘ TAI THAM THAM DIGIT EIGHT
1A99 ᪙ TAI THAM THAM DIGIT NINE

### Logographs

1AA0 ᪠ TAI THAM SIGN WIANG
  • logograph for city
1AA1 ᪡ TAI THAM SIGN WIANGWAAK
  • logograph for village
1AA2 ᪢ TAI THAM SIGN SAWAN
  • logograph for heaven

### Punctuation

*These characters are used as dingbats and section starters.*

1AA3 ᪣ TAI THAM SIGN KEOW
  = courtyard
1AA4 ᪤ TAI THAM SIGN HOY
  = oyster
1AA5 ᪥ TAI THAM SIGN DOKMAI
  = flower
  → 2055 ✽ flower punctuation mark
1AA6 ᪦ TAI THAM SIGN REVERSED ROTATED RANA

### Sign

1AA7 ᪧ TAI THAM SIGN MAI YAMOK
  → 0E46 ๆ thai character maiyamok

### Punctuation

1AA8 ᪨ TAI THAM SIGN KAAN
  • danda
1AA9 ᪩ TAI THAM SIGN KAANKUU
  • double danda
1AAA ᪪ TAI THAM SIGN SATKAAN
1AAB ᪫ TAI THAM SIGN SATKAANKUU
  → 0E5A ๚ thai character angkhankhu
1AAC ᪬ TAI THAM SIGN HANG
  • used in combinations with other punctuation
    marks at ends of sections
1AAD ᪭ TAI THAM SIGN CAANG