

# Padauk - Font Features

Padauk is an OpenType-enabled font family that supports the Myanmar (Burmese) script. It includes a number of optional features that may be useful or required for particular uses or languages. This document lists all the available features.

These OpenType features are primarily specified using four-letter tags (e.g. 'ss01'). For more information on how to access OpenType features in specific environments and applications, see [Using Font Features](#).

*Please note that Graphite support has been removed in the current release, but continues to be available in the version 5.100 fonts. See our [Previous Versions archive](#).*

This page uses web fonts (WOFF2) to demonstrate font features and should display correctly in all modern browsers. For a more concise example of how to use Padauk as a web font see `../web/Padauk-webfont-example.html` in the font package web folder. For detailed information see [Using SIL Fonts on Web Pages](#).

[MyanmarWeb](#) also documents how to use the fonts on the web.

*If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.*

## Complete feature list

### Language system tags

#### Sgaw

Affects: U+1037

| Language | Sample      | Language setting |
|----------|-------------|------------------|
| Default  | ရဲ့ ရဲ့ ကဲ့ |                  |
| Sgaw     | ရဲ့ ရဲ့ ကဲ့ | lang='ksw'       |

#### Khamti

Affects: U+1036 U+1038 U+1087 U+1088 U+1089 U+108A U+109A U+109B U+AA7B U+1086

| Language | Sample                   | Language setting |
|----------|--------------------------|------------------|
| Default  | ံ ဝး ဝ, ဝး ဝ. ဝး ဝ' ဝ, ဝ |                  |
| Khamti   | ံ ဝး ဝ, ဝး ဝ. ဝး ဝ' ဝ, ဝ | lang='kht'       |

#### Kayah

Affects: U+103E U+102F U+1030 U+1061 U+1066 U+103D

| Language | Sample             | Language setting |
|----------|--------------------|------------------|
| Default  | ို ိ ိ ိ ိ ိ ိ ိ ိ |                  |
| Kayah    | ို ိ ိ ိ ိ ိ ိ ိ ိ | lang='kyu'       |

Affects: U+103D

## Asho Chin

Affects: U+106D

## Aiton or Phake

Affects: U+1000 U+1075 U+AA61 U+107A U+1010 U+AA6B U+1078 U+101A U+AA7A U+101C U+AA6D U+1022 U+103C U+AA77 U+1036 U+1038 U+1087 U+1088 U+1089 U+108A U+109A U+109B U+AA7B U+1086

## Tai Laing

Affects: U+AA6C

## Thai Mon

Affects: U+1003 U+100B U+100C U+100D U+100E U+1012 U+1014 U+101E U+1020 U+1021 U+1023 U+103F U+1049 U+104A U+104B U+104B.kinzi (U+105A, U+103A, U+1039)

| Language | Sample                            | Language setting |
|----------|-----------------------------------|------------------|
| Default  | ဃ ဋ ဌ ဍ ဎ ဏ သ ဉ အ က္က ယ ဓ ၊ ။ ၎   |                  |
| Thai Mon | ဃ စ ฦ ฎ ฬ อ ฮ ฉ ฐ ฑ ฒ ณ ล ำ ๑ ๒ ั | lang='mnw-TH'    |

## Character and stylistic alternates

### Filled dots

Affects: U+1036 U+1038 U+1087 U+1088 U+1089 U+108A U+109A U+109B U+AA7B

| Feature | Sample  | Feature setting  |
|---------|---|------------------|
| False   | ◌̣ ◌̤ ◌̥ ◌̦ ◌̧ ◌̨ ◌̩ ◌̪ ◌̫ ◌̬ ◌̭ ◌̮ ◌̯ ◌̰ ◌̱ ◌̲ ◌̳ ◌̴ ◌̵ ◌̶ ◌̷ ◌̸ ◌̹ ◌̺ ◌̻ ◌̼ ◌̽ ◌̾ ◌̿ ◌̣̿ ◌̤̿ ◌̥̿ ◌̦̿ ◌̧̿ ◌̨̿ ◌̩̿ ◌̪̿ ◌̫̿ ◌̬̿ ◌̭̿ ◌̮̿ ◌̯̿ ◌̰̿ ◌̱̿ ◌̲̿ ◌̳̿ ◌̴̿ ◌̵̿ ◌̶̿ ◌̷̿ ◌̸̿ ◌̹̿ ◌̺̿ ◌̻̿ ◌̼̿ ◌̿̽ ◌̿̾ ◌̿̿  | cv01=0 or ss01=0 |
| True    | ◌̣◌ ◌̤◌ ◌̥◌ ◌̦◌ ◌̧◌ ◌̨◌ ◌̩◌ ◌̪◌ ◌̫◌ ◌̬◌ ◌̭◌ ◌̮◌ ◌̯◌ ◌̰◌ ◌̱◌ ◌̲◌ ◌̳◌ ◌̴◌ ◌̵◌ ◌̶◌ ◌̷◌ ◌̸◌ ◌̹◌ ◌̺◌ ◌̻◌ ◌̼◌ ◌̽◌ ◌̾◌ ◌̿◌ ◌̣̿◌ ◌̤̿◌ ◌̥̿◌ ◌̦̿◌ ◌̧̿◌ ◌̨̿◌ ◌̩̿◌ ◌̪̿◌ ◌̫̿◌ ◌̬̿◌ ◌̭̿◌ ◌̮̿◌ ◌̯̿◌ ◌̰̿◌ ◌̱̿◌ ◌̲̿◌ ◌̳̿◌ ◌̴̿◌ ◌̵̿◌ ◌̶̿◌ ◌̷̿◌ ◌̸̿◌ ◌̹̿◌ ◌̺̿◌ ◌̻̿◌ ◌̼̿◌ ◌̿̽◌ ◌̿̾◌ ◌̿̿ | cv01=1 or ss01=1 |

### Tear drop style washwe

Affects: U+103D

| Feature | Sample  | Feature setting  |
|---------|---|------------------|
| False   | ◌̣ ◌̤ ◌̥ ◌̦ ◌̧ ◌̨ ◌̩ ◌̪ ◌̫ ◌̬ ◌̭ ◌̮ ◌̯ ◌̰ ◌̱ ◌̲ ◌̳ ◌̴ ◌̵ ◌̶ ◌̷ ◌̸ ◌̹ ◌̺ ◌̻ ◌̼ ◌̽ ◌̾ ◌̿ ◌̣̿ ◌̤̿ ◌̥̿ ◌̦̿ ◌̧̿ ◌̨̿ ◌̩̿ ◌̪̿ ◌̫̿ ◌̬̿ ◌̭̿ ◌̮̿ ◌̯̿ ◌̰̿ ◌̱̿ ◌̲̿ ◌̳̿ ◌̴̿ ◌̵̿ ◌̶̿ ◌̷̿ ◌̸̿ ◌̹̿ ◌̺̿ ◌̻̿ ◌̼̿ ◌̿̽ ◌̿̾ ◌̿̿  | cv02=0 or ss02=0 |
| True    | ◌̣◌ ◌̤◌ ◌̥◌ ◌̦◌ ◌̧◌ ◌̨◌ ◌̩◌ ◌̪◌ ◌̫◌ ◌̬◌ ◌̭◌ ◌̮◌ ◌̯◌ ◌̰◌ ◌̱◌ ◌̲◌ ◌̳◌ ◌̴◌ ◌̵◌ ◌̶◌ ◌̷◌ ◌̸◌ ◌̹◌ ◌̺◌ ◌̻◌ ◌̼◌ ◌̽◌ ◌̾◌ ◌̿◌ ◌̣̿◌ ◌̤̿◌ ◌̥̿◌ ◌̦̿◌ ◌̧̿◌ ◌̨̿◌ ◌̩̿◌ ◌̪̿◌ ◌̫̿◌ ◌̬̿◌ ◌̭̿◌ ◌̮̿◌ ◌̯̿◌ ◌̰̿◌ ◌̱̿◌ ◌̲̿◌ ◌̳̿◌ ◌̴̿◌ ◌̵̿◌ ◌̶̿◌ ◌̷̿◌ ◌̸̿◌ ◌̹̿◌ ◌̺̿◌ ◌̻̿◌ ◌̼̿◌ ◌̿̽◌ ◌̿̾◌ ◌̿̿ | cv02=1 or ss02=1 |

### Asho Chin variants

Affects: U+106D

| Feature | Sample  | Feature setting  |
|---------|---|------------------|
| False   | ◌̣ ◌̤ ◌̥ ◌̦ ◌̧ ◌̨ ◌̩ ◌̪ ◌̫ ◌̬ ◌̭ ◌̮ ◌̯ ◌̰ ◌̱ ◌̲ ◌̳ ◌̴ ◌̵ ◌̶ ◌̷ ◌̸ ◌̹ ◌̺ ◌̻ ◌̼ ◌̽ ◌̾ ◌̿ ◌̣̿ ◌̤̿ ◌̥̿ ◌̦̿ ◌̧̿ ◌̨̿ ◌̩̿ ◌̪̿ ◌̫̿ ◌̬̿ ◌̭̿ ◌̮̿ ◌̯̿ ◌̰̿ ◌̱̿ ◌̲̿ ◌̳̿ ◌̴̿ ◌̵̿ ◌̶̿ ◌̷̿ ◌̸̿ ◌̹̿ ◌̺̿ ◌̻̿ ◌̼̿ ◌̿̽ ◌̿̾ ◌̿̿  | cv03=0 or ss03=0 |
| True    | ◌̣◌ ◌̤◌ ◌̥◌ ◌̦◌ ◌̧◌ ◌̨◌ ◌̩◌ ◌̪◌ ◌̫◌ ◌̬◌ ◌̭◌ ◌̮◌ ◌̯◌ ◌̰◌ ◌̱◌ ◌̲◌ ◌̳◌ ◌̴◌ ◌̵◌ ◌̶◌ ◌̷◌ ◌̸◌ ◌̹◌ ◌̺◌ ◌̻◌ ◌̼◌ ◌̽◌ ◌̾◌ ◌̿◌ ◌̣̿◌ ◌̤̿◌ ◌̥̿◌ ◌̦̿◌ ◌̧̿◌ ◌̨̿◌ ◌̩̿◌ ◌̪̿◌ ◌̫̿◌ ◌̬̿◌ ◌̭̿◌ ◌̮̿◌ ◌̯̿◌ ◌̰̿◌ ◌̱̿◌ ◌̲̿◌ ◌̳̿◌ ◌̴̿◌ ◌̵̿◌ ◌̶̿◌ ◌̷̿◌ ◌̸̿◌ ◌̹̿◌ ◌̺̿◌ ◌̻̿◌ ◌̼̿◌ ◌̿̽◌ ◌̿̾◌ ◌̿̿ | cv03=1 or ss03=1 |

### Thai Mon variants

Affects: U+1003 U+100B U+100C U+100D U+100E U+1012 U+1014 U+101E U+1020 U+1021 U+1023 U+103F U+1049 U+104A U+104B U+104B kinzi (U+105A, U+103A, U+1039)

| Feature | Sample  | Feature setting  |
|---------|---|------------------|
| False   | ◌̣ ◌̤ ◌̥ ◌̦ ◌̧ ◌̨ ◌̩ ◌̪ ◌̫ ◌̬ ◌̭ ◌̮ ◌̯ ◌̰ ◌̱ ◌̲ ◌̳ ◌̴ ◌̵ ◌̶ ◌̷ ◌̸ ◌̹ ◌̺ ◌̻ ◌̼ ◌̽ ◌̾ ◌̿ ◌̣̿ ◌̤̿ ◌̥̿ ◌̦̿ ◌̧̿ ◌̨̿ ◌̩̿ ◌̪̿ ◌̫̿ ◌̬̿ ◌̭̿ ◌̮̿ ◌̯̿ ◌̰̿ ◌̱̿ ◌̲̿ ◌̳̿ ◌̴̿ ◌̵̿ ◌̶̿ ◌̷̿ ◌̸̿ ◌̹̿ ◌̺̿ ◌̻̿ ◌̼̿ ◌̿̽ ◌̿̾ ◌̿̿  | cv04=0 or ss04=0 |
| True    | ◌̣◌ ◌̤◌ ◌̥◌ ◌̦◌ ◌̧◌ ◌̨◌ ◌̩◌ ◌̪◌ ◌̫◌ ◌̬◌ ◌̭◌ ◌̮◌ ◌̯◌ ◌̰◌ ◌̱◌ ◌̲◌ ◌̳◌ ◌̴◌ ◌̵◌ ◌̶◌ ◌̷◌ ◌̸◌ ◌̹◌ ◌̺◌ ◌̻◌ ◌̼◌ ◌̽◌ ◌̾◌ ◌̿◌ ◌̣̿◌ ◌̤̿◌ ◌̥̿◌ ◌̦̿◌ ◌̧̿◌ ◌̨̿◌ ◌̩̿◌ ◌̪̿◌ ◌̫̿◌ ◌̬̿◌ ◌̭̿◌ ◌̮̿◌ ◌̯̿◌ ◌̰̿◌ ◌̱̿◌ ◌̲̿◌ ◌̳̿◌ ◌̴̿◌ ◌̵̿◌ ◌̶̿◌ ◌̷̿◌ ◌̸̿◌ ◌̹̿◌ ◌̺̿◌ ◌̻̿◌ ◌̼̿◌ ◌̿̽◌ ◌̿̾◌ ◌̿̿ | cv04=1 or ss04=1 |

## Aiton Phake special characters over Khamti

Affects: U+1000 U+1075 U+AA61 U+107A U+1010 U+AA6B U+1078 U+101A U+AA7A U+101C U+AA6D U+1022 U+103C U+AA77

| Feature | Sample                            | Feature setting  |
|---------|-----------------------------------|------------------|
| False   | က ဂ ဓာ သု တ န ဏ ဃ ဌ လ ဌာ ဓာ ဌ် ဂ် | cv05=0 or ss05=0 |
| True    | က ဂ ဓာ သု တ န ဏ ဃ ဌ လ ဌာ ဓာ ဌ် ဂ် | cv05=1 or ss05=1 |

## Khamti variants

Affects: U+1086

Also note Variation Selector-1 below.

| Feature | Sample | Feature setting  |
|---------|--------|------------------|
| False   | ၊      | cv06=0 or ss06=0 |
| True    | ၊      | cv06=1 or ss06=1 |

## Slanted hato

Affects: U+103E U+102F U+1030 U+1061 U+1066

| Feature                                     | Sample    | Feature setting |
|---|-----------|-----------------|
| Upright                                     | ၊ ၊ ၊ ၊ ၊ | cv07=0          |
| Sgaw style slanted leg with horizontal foot | ၊ ၊ ၊ ၊ ၊ | cv07=1          |
| Slanted leg with right angled foot          | ၊ ၊ ၊ ၊ ၊ | cv07=2          |

## Tai Laing variant

Affects: U+AA6C

| Feature | Sample | Feature setting  |
|---------|--------|------------------|
| False   | ၎      | cv09=0 or ss09=0 |
| True    | ၎      | cv09=1 or ss09=1 |

Tai Laing variants

Affects: U+A9E4 U+A9E8

| Feature | Sample | Feature setting  |
|---------|--------|------------------|
| False   | ၎် န်  | cv10=0 or ss10=0 |
| True    | ၎် န်  | cv10=1 or ss10=1 |

Disable Great nnya

Affects: U+1039 U+100A

| Feature | Sample | Feature setting  |
|---------|--------|------------------|
| False   | ည      | cv11=0 or ss11=0 |
| True    | ည      | cv11=1 or ss11=1 |

Variation Selector-1

Affects: U+FE00

Note: Used for Khamti, Aiton, and Phake dotted characters. Also see entries for cv05 and cv06 above for additional variants.

| Feature                                  | Sample  | Feature setting |
|--|---|-----------------|
| Character with no VS1 (U+FE00) following | က ဂ င တ ထ ပ မ ဃ လ ဝ န ဝဲ ဂ လ လှ ဆ က<br>က ဃ က ဃ ဟ ဟ တ န ဃ ဝ ဖြ |                 |
| Character with VS1 (U+FE00) following    | က ဂ င တ ထ ပ မ ဃ လ ဝ န ဝဲ ဂ လ လှ ဆ<br>က ဃ က ဃ ဟ ဟ တ န ဃ ဝ ဖြ   |                 |