

 Converter

 Input (IME)

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How to Use

Install, Aksharamukha from pip

```
pip install aksharamukha
```

```
from aksharamukha import transliterate
```

```
transliterate.process(src, tgt, txt, nativize = True, pre_options = [],  
post_options = [])
```

Parameter	Description
src	Script identifier of the source script
tgt	Script identifier of the target script
txt	The text to be transliterated
nativize	The text is by default nativized in accordance to the conventions of the output script. Set the value to <i>False</i> to prevent this.
pre_options	Various options that are relevant to the input text. An array of strings, the strings being the various options.
post_options	Various options that customize the transliteration output. An array of strings, the strings being the various options.

```
transliterate.process('HK', 'Telugu', 'buddhaH')
```

If the source script is not known, set it as *autodetect*

```
transliterate.process('autodetect', 'IAST', 'ऋषिर्षु ऋत्तं')
```

```
transliterate.process('autodetect', 'IAST', 'พุทธัง สวรรณัง คัจฉามิ')
```

You can also just use auto_detect to find the script of a text.

```
transliterate.auto_detect('ऋषिर्षु ऋत्तं')
```

More elaborate transliterations can be performed by passing extra flags as pre-options and post-options

```
transliterate.process('HK', 'Tamil', 'maMgaLa', False)
```

```
transliterate.process('HK', 'Tamil', 'bRhaspati gaMga', False,  
post_options = ['TamilSubScript', 'TamilRemoveApostrophe'])
```

```
transliterate.process('Thai', 'Devanagari', 'พุทธัง สวรรณัง คัจฉามิ',  
pre_options=['ThaiOrthography'])
```

```
transliterate.process('Devanagari', 'IAST', 'धर्म भारत की श्रमण परम्परा से  
निकला धर्म और दर्शन है', pre_options=['RemoveSchwaHindi'])
```

Instead of using Aksharamukha's identifiers, you can also use the respective ISO codes ([ISO 15924](#) for scripts and [ISO 639-1](#) or [ISO 639-2](#) for languages).

```
transliterate.process('deva', 'taml', 'धर्म भारत की',  
param="script_code")
```

```
transliterate.process('te', 'ur', 'ధర్మ భారత', param="lang_code")
```

```
transliterate.process('odia', 'ho', 'ଧର୍ମ ଭାରତ', param="lang_name")
```

You would need to use the format *lang_code-script_code* to use scripts that have multiple orthographies (e.g. Arabic script for Urdu and Punjabi) or languages that can be written in multiple scripts (e.g. Punjabi written in Gurmukhi and Shahmukhi). For romanization, you can use the language code *la-romanization_format* or the script code *latn-romanization_format* as input.

```
transliterate.process('autodetect', 'latn-iastr', 'धर्म भारत की',  
param="script_code")
```

```
transliterate.process('autodetect', 'pa-arab', 'धर्म भारत की',  
param="script_code")
```

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```
transliterate.process('la-HK', 'pa-guru', 'namo buddhAya',  
param="lang_code")
```

All script identifiers and the various flags for Pre- and Post-Options are listed in detail [here](#) along with their description.

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