

Dicier the user guide

by Speak the Sky

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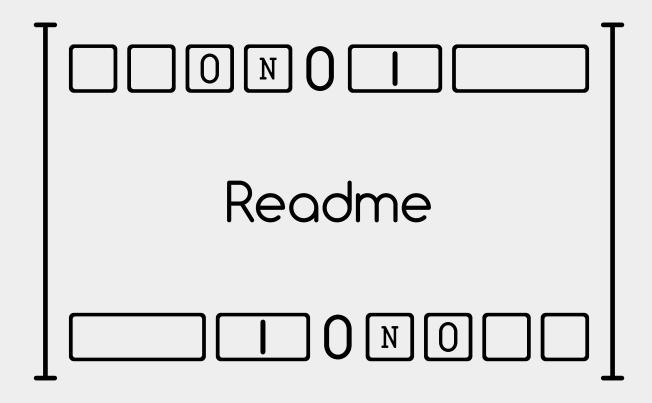
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## The License

#### → Cliff notes version

- Dicier's available under the CC BY 4.0 license, so:
- You can freely use it, even in commercial products...
- ...as long as you **credit** Speak the Sky as its designer.

Within reason, I mean. If you're making e.g. a business card game then don't worry about the credit. Here's how credit could look:

**Dicier**, by **Speak the Sky**, licensed under **CC BY 4.0**If you're doing anything complicated (like editing the font files) then check out the next few pages.

This license only applies to fonts within the family 'Dicier'. Other versions, such as commissions in the family **DicierX**, have their own, individual licenses (and are generally not available to the public).

#### → Creative Commons Attribution 4.0

Dicier is available under the Creative Commons Attribution 4.0 International license, or **CC BY 4.0**. The rest of this section explains the license terms, though you can find the simple and full license terms at the following url:

creativecommons.org/licenses/by/4.0/

### → What you can do with Dicier

As long as you follow the license conditions in the next section:

- 1. You can freely copy and redistribute Dicier in any medium for personal and commercial projects, and
- 2. you can freely remix, transform, and build on Dicier for personal and commercial projects.

Personal and commercial projects include, but are not limited to:

- Embedding part or all of Dicier into a .pdf (most apps that can export .pdfs will embed fonts automatically).
- Including Dicier in a .epub or .mobi e-book, or website.
- Modifying Dicier's font files directly using a typeface design app.
- Bundling Dicier's license ("Dicier license.txt") and any
  of its font files with a template (e.g. the Mini-zine
  (speakthesky.itch.io/mini-zine-template-pack) or
  Trifold (speakthesky.itch.io/trifold-template-pack)
  Template Packs by Speak the Sky). You could also
  give a url to download Dicier rather than bundling the
  files with your templates (so you won't have to update
  your templates with Dicier updates).

#### → What you have to do to use Dicier

- 1. You must give appropriate credit, by providing:
  - the designer's name (Speak the Sky),
  - the license type (CC BY 4.0) and a link to its text (creativecommons.org/licenses/by/4.0/), and
  - optionally (but preferably), a link to the typeface (speakthesky.itch.io/typeface-dicier).
- 2. You must indicate what changes were made, if any, and keep a record of previous changes.
- You may not apply any legal terms or technological measures to restrict others from doing anything the license permits.
- 4. You may not suggest that the licensor endorses you or your use of the licensed work.

**Example 1:** You modify the font files, then pass them on to a third party who also modifies them. You must keep a record of the modifications you make, then pass on the record to the third party. The third party must add their own modifications to the record as well, then pass the expanded record on with the files if they transfer them to another party.

**Example 2:** You use Dicier when laying out a game. You must include appropriate credit in the credits section (within reason for the game's size, e.g. I'm not bothered if you don't add a credit on a business card game). For example (with hyperlinks to the typeface and license in "Dicier" and "CC BY 4.0"):

Dicier, by Speak the Sky, licensed under CC BY 4.0

## Troubleshooting Dicier

#### → Codes not working in MS Office

If you're using Microsoft Office apps like MS Word or Powerpoint and the only codes that work for you are pipped dice, try going to the 'Advanced' font features tab mentioned in ACTIVATING OPENTYPE FEATURES IN MS OFFICE and activating 'standard ligatures' and 'contextual alternates'. These settings should be on by default, but are off in MS Office.

#### → Translated wildcard dice results fail

For currently-unknown reasons, some translated wildcard dice results (e.g. D6\_TOUT, D8\_ALGUNO) don't combine correctly in exported .pdf files in some cases. This affects French, Spanish, and Galician (all of which have die first and wildcard second). It doesn't affect English or standard Croatian, and may only occur in Affinity Publisher (the software used to lay out and export this file) or even in the specific .afpub file for the guide.

# **Credits**

### → Typeface design

Dicier is designed by **Speak the Sky** and was made using the **Glyphs** app.

#### → User Guide fonts

Body: Overpass by Delve Fonts (license: OFL-1.1).

Titles and headings: **Comfortaa** by **Johan Aakerlund** (license: **OFL-1.1**).

#### → Translation credits

French by themoonisacheese, Acccent, and angela quidam.

Spanish by gabichete.

Galician by gabichete.

Croatian (standard) by Ordoalea Publishing.

## <u>Version History</u>

#### 2021-05-17: v1.3.

- added d4, d8, d10, d12, and 20 dice (ss12-16).
- added vertical and horizontal barrel dice (ss17-18).
- added Taoist trigram dice.
- added dice size indicators (cv24).
- added diceless Taoist trigrams (cv25).
- removed diceless pip codes.
- added diceless pips (cv26).
- removed backgammon doubling cube codes.
- added backgammon doubling cube (cv27).
- added 100-on-d100 vertical barrel dice (cv28).
- Arabic numerals 6 and 9 are now dotless by default.
- cv21 now adds dots to Arabic numerals 6 and 9.
- shrank numbers in Arabic numeral style (ss06-08).
- reduced width of d6 and dreidel icons to be square.
- adjusted European dominoes to be square per half.
- redesigned Arabic numeral 1 in Flat and Round Modes.
- redesigned 5-, 7-, 8-pip Asian dice in Block Mode.
- redesigned triangular 3-pip Asian die in Block Mode.
- added notes about limited OT support in MS Office.
- added Troubleshooting section to Chapter 0.
- made other adjustments to the User Guide.

#### 2021-04-19: v1.2.

- added tarot minor arcana suits and card values.
- added Heckadeck icons.
- added Zener card symbols.
- · added dreidel.
- added Crowns, Anchors, Castles, and Leaves suits.
- added rotated 6, 7, 8, 2, and 3-pip dice (cv16-20).
- added dotless Arabic numerals 6 and 9 (cv21).
- added pentacle-shaped coins (cv22).
- added stave-shaped batons and vice versa (cv23).
- · added slashed and unslashed zeroes (zero).
- added new Translations: Spanish and Galician.
- fixed French Translation of stylistic set 07.
- edited the User Guide to account for these changes.

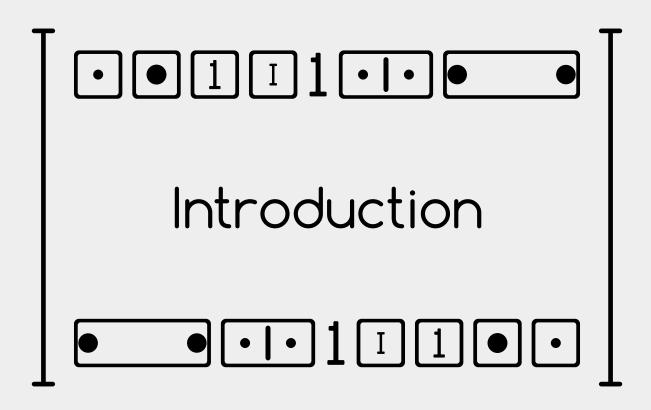
made other adjustments to the User Guide.

#### 2021-03-22: v1.1.

- switched to using standard (automatic) ligatures.
- added generic die, domino, and coin codes.
- added d6 results codes.
- added alternate double-wildcard domino code.
- added diceless pips/dots.
- added Stars, Bullets, and Crosses historical suits.
- added backgammon doubling cube.
- added poker dice (cv10-12).
- added triangular 3-pip dice (cv13).
- added blank-zero dice and dominoes (cv14).
- added larger 1-pip on Asian dice (cv15).
- · added new Mode: Dicier Block.
- added new Translation: French.
- adjusted Chinese domino design.
- adjusted kerning for all guide-letter pairs.
- adjusted Heavy stroke positions.
- adjusted Heavy and Dark joker stroke widths.
- edited the User Guide to account for these changes.
- added instructions for Scribus, Pages, and TextEdit.
- made other adjustments to the User Guide.

#### 2021-02-22: v1.0.

• Dicier v1.0 is released in English.



## What is Dicier?

### → Dicier is an analog game typeface!

It's designed for putting icons for analog game tools (like dice and playing cards) in-line with text, like this:

9	in
10	tables,
J	like
Q	this,

- and in
- lists,
- : like
- : this!

And, really, in any other way you want.

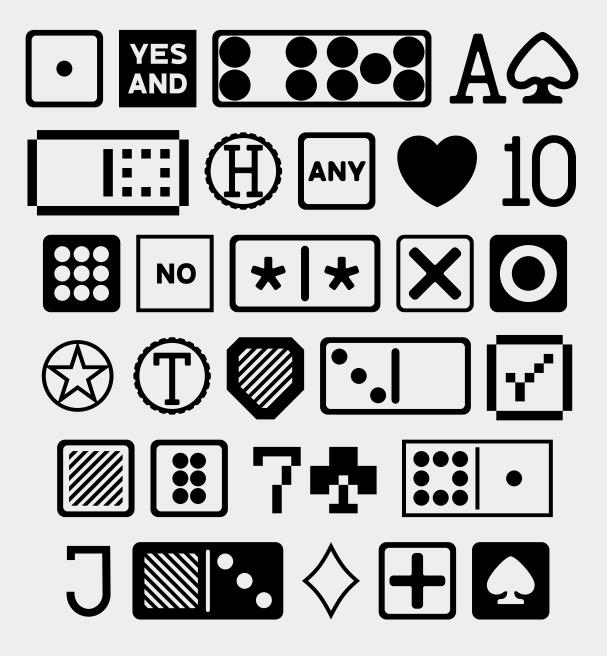
### → Dicier is open to your feedback!

Check out Dicier's itch forum (speakthesky.itch.io/typeface-dicier/community), particularly:

- the Issues & Fixes thread (for reporting bugs),
- the **Translating Dicier** thread (for translating codes out of English), and
- the Request a Feature thread.

#### → Check it out!

Here's some of Dicier in action. Try copying some of these icons and paste it into a notes app, plaintext file, web browser address bar, or anywhere else like that:



This is what Dicier does: it turns regular text into analog game icons. All you need to do is type out any of Dicier's codes and the font handles the rest.

## About this Guide

### → Terms: glyphs, icons, and codes

You'll see the word 'glyph' sometimes in this guide. In typefaces, a glyph is more-or-less any character aside from empty spaces. The letter 'A', the number '1', and the period after this sentence are glyphs. So's almost everything on this page. Everything you can type with Dicier is a glyph, except the spaces.



You'll also see the word 'icon' as well. In this guide, icons are Dicier's output. Not all of Dicier's glyphs are icons—only the ones meant to be used in analog game texts.

The icons among those glyphs:

You'll see the word 'code', too. These are numbers, words, and phrases you can use to turn Dicier's non-icon glyphs into icons.

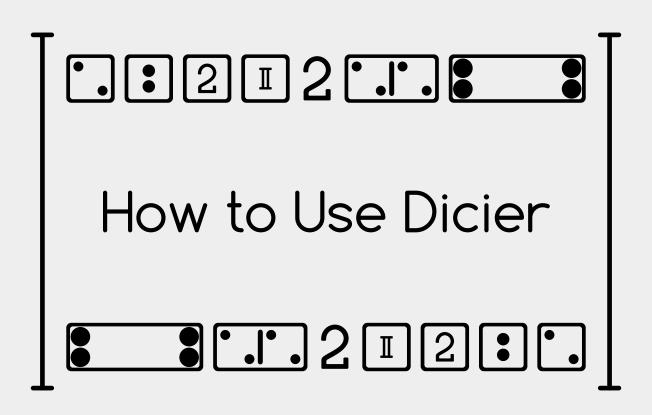
The **codes** for those icons: 18\_3 BLANK TWO\_DIAMONDS ANY\_FLIP

This guide has a lot of 'glyph tables' that show glyphs with their numbers, letters, or codes beneath. They look this this:

#### → Navigation: bookmarks and hyperlinks

You can navigate around this guide by scrolling through the file, searching for text, or using the pdf bookmarks provided, and you can also use links in the text:

- A. Internal links are bold, all-caps, and use the title and heading font, LIKE THIS. They'll take you elsewhere in this guide.
- B. External links are bold urls, e.g.: speakthesky.itch.io/ typeface-dicier. They'll take you outside this guide. Exception: The font credits in Chapter 0 are external links.



# <u>Setup</u>

## → Installing Dicier

To install Dicier for desktop computer use, double-click the .otf files for the fonts you want to install and follow the instructions given by your operating system to complete the installation.

### → Upgrading Dicier

For best results when upgrading from one version of Dicier to another (e.g. v1.0 to v1.1), follow these steps:

- 1. Save any open work that includes Dicier.
- 2. Close those files and apps.
- Uninstall the previous version of Dicier:
  - If using Windows, you can find these in the Settings menu under Personalization > Fonts. Find Dicier and click the 'Uninstall' button in the font's details.
  - If using MacOS, you can find these in the Font Book app. Find Dicier in the 'All Fonts' or 'User' list, then right-click and choose 'Remove "Dicier" Family'.
- 4. Install the new version of Dicier as above.

Uninstalling the old version stops it blocking the new installation and saving and closing any apps using Dicier stops the uninstall process from affecting any formatting in those files.

# Building Blocks

### → The alphabet and the underscore

Dicier includes uppercase Latin letters (A to Z and others) and the underscore. These appear as a guide when you type out Dicier's codes:

A	Á	В	С	ç	ć	č	D	E
Α	Á	В	С	ç	é	Č	D	E
È	É	F	G	Н	ı	í	J	K
È	É	F	G	Н	I	ĺ	J	K
L	M	N	Ñ	0	ó	Œ	P	Q
L	М	N	Ñ	0	Ó	OE	Р	Q
R	S	š	Т	U	Ú	V	W	X
R	S	Š	Т	U	Ú	V	W	Χ
Y	Z	ž	-					
Υ	Z	Ž	-					

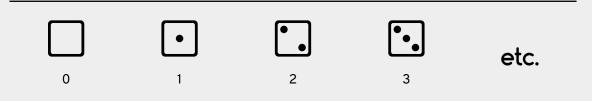
**Note 1:** New letters (and even entire scripts) will be added to support new translations.

**Note 2:** Dicier currently includes Hebrew letters as alternative codes for some dreidel icons.

# Building Dicier's Codes

### → Simple codes

The simplest codes in Dicier are just a number: 1 to 9 or 0 (excluding dreidel letter codes). These create a die face with that number of pips:



Because the underlying text is just ordinary numerals, these can easily be used in custom lists. For example:

#### You begin your journey...

- clutching at bones...
  - in a vast and decrepit paradise.
  - as a roast hog springs to life and leaps from the spit.
  - in the shadow of the mountain of God.
  - **e**tc.

Alternatively:

#### **Encounters:**

- 1d2 ogres playing go.
- **⊡** etc.

### → Complex codes

All the other codes in Dicier use more than one character—but they all describe their icons fairly well:



As you type a code, you'll see the guide letters appear one by one until the code is complete and the font swaps them out for the icon. For example:



**Note:** If you're using **MS Office**, see ACTIVATING OPENTYPE FEATURES IN MS OFFICE and activate 'standard ligatures' and 'contextual alternates' to enable Dicier's basic functions.

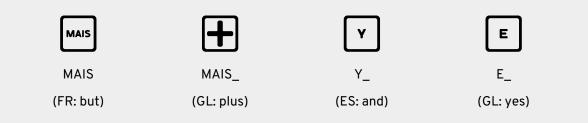
Some codes use characters found in other, shorter codes, e.g. dominoes (e.g. 3\_4) use the same characters as numbered dice (e.g. 3, 4). As you type out a code, you may see icons of shorter code(s) appear and be over-written. For example:



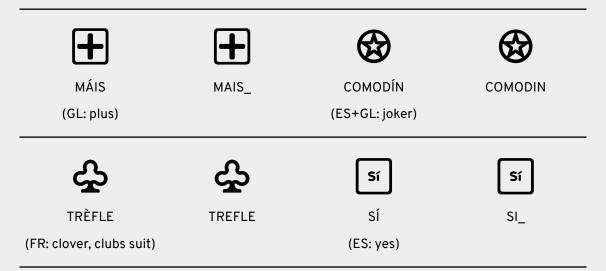
You could also type out the codes in another font, then change to Dicier to transform them into their icons. How you get from codes to icons is up to you!

### → Idiosyncrasies of Dicier's codes

Underscores are mostly used as spaces, but very occasionally they distinguish codes that are otherwise identical, or one letter long (excluding dreidel letter codes). For example:



Dicier includes diacritics, and any code with diacritics has a version without them. For example:



For technical reasons relating to .pdf export from at least one popular layout app, all codes are 8 or fewer characters. Codes longer than 8 characters are combinations of shorter codes, and a few codes are cut short. For example:



# **Accessibility**

#### → Dicier and text-to-speech software

Dicier is designed to be accessible to both creators of analog games and users of text-to-speech software. However, as a creator, *you* have to use it accessibly as well.

Always put a space between Dicier codes. This helps text-to-speech (TTS) software read the icons. For example, 6A@10::: is sight-readable, but the text is "SIXACEANYTEN63". TTS software may read that as something like "six ass anyton sixty-three".

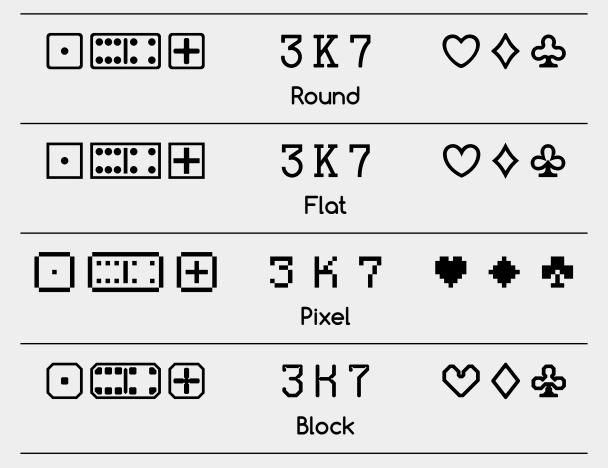
Putting punctuation between icons may not help. For example, putting a period between two numbered dice can make TTS software read it as a decimal. Slashes, dashes, and colons may be ignored, treated as pauses, or read aloud.

.pdf isn't a very TTS-friendly format. It hasn't fully outgrown its origin as a way to share visual info, so .pdf readers may not recognise spaces (because visually, there's no difference between a space character and a gap), or underscores (for some reason). This is a problem with .pdf and .pdf readers, not Dicier, but you should be aware of this issue in general.

# Customising Dicier

#### → Modes

Dicier has 4 visual **Modes** that can be selected as font traits in a similar way to **bold** or *italic*:

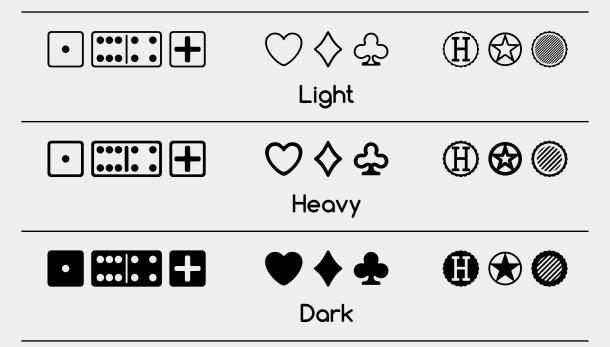


The main differences between **Round** and **Flat** are the rounded corners (e.g. on dice) and stroke caps (e.g. on card values). **Pixel** has fewer features than the others due to its low resolution. For a full list, see LIMITED FEATURES IN DICIER PIXEL.

The examples used for most of this guide are **Round**.

### → Weights

Dicier has 3 visual **Weights** that can be selected as font traits in a similar way to **bold** or *italic*:



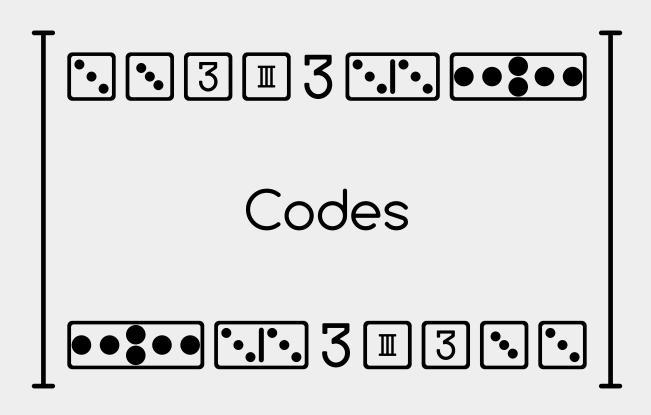
Weight affects all dice, domino, card suit, joker, and coin icons. The specific strokes affected are:

- outlines for dice, dominoes, suits, jokers, coins, etc.
- hatching in wildcard dice, dominoes, and coins.

You can use different Weights to, for example:

- distinguish between different types of dice (e.g. first and second dice in a d66 roll);
- match the weight to your body text font's weight; or
- represent red vs black playing card suits.

The examples used for most of this guide are **Heavy**.



## **Dice**

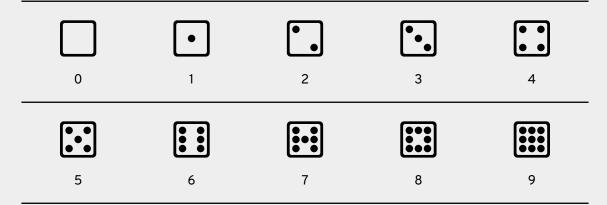
#### → Dice overview

Dicier includes codes for numbered dice, Yes/And/No/But dice, Fudge dice, and various other die types and symbols, including a wildcard die face. The numbered dice are the only icons that use exactly one character in their codes.

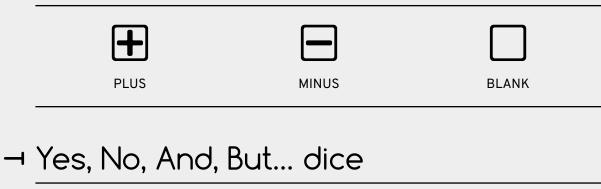
You can adjust some types of dice icon using these OpenType features (see CHAPTER 4: ADVANCED FEATURES for further information):

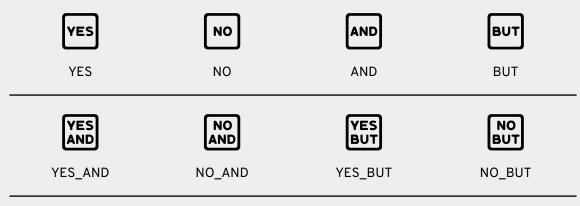
- number and wildcard styles (ss01-11);
- d4, d8, d10, d12, and d20 dice (ss12-16);
- vertical and horizontal barrel dice (ss17-18);
- mixing pip patterns (cv01-09);
- triangular 3-pip patterns (cv13);
- blank-zero numerals (cv14);
- larger 1-pip on Asian dice (cv15);
- rotated 6-, 7-, 8-, 2-, and 3-pip (cv16-20);
- dotted Arabic numerals 6 and 9 (cv21);
- dice size indicators (cv24);
- diceless Taoist trigrams (cv25);
- diceless pips (cv26);
- backgammon doubling cube (cv27);
- 100-on-d100 vertical barrel dice (cv28);
- toggle open and slashed 0 (zero).

### → Numbered dice

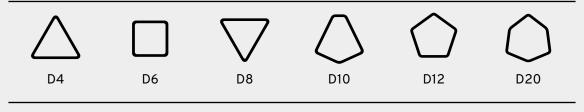


## → Fudge dice

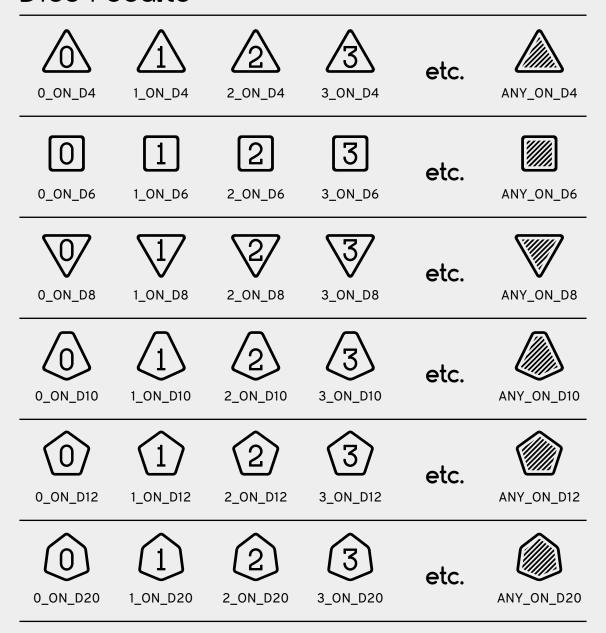




→ Dice shapes



#### → Dice results

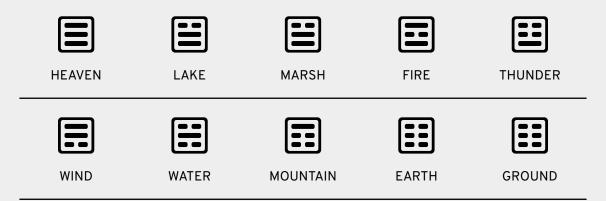


**Note 1:** These are actually combinations of two codes: the result up to the second underscore (e.g. 2\_ON\_) and the die size (e.g. D6). Both parts *must* use the same Weight and Mode.

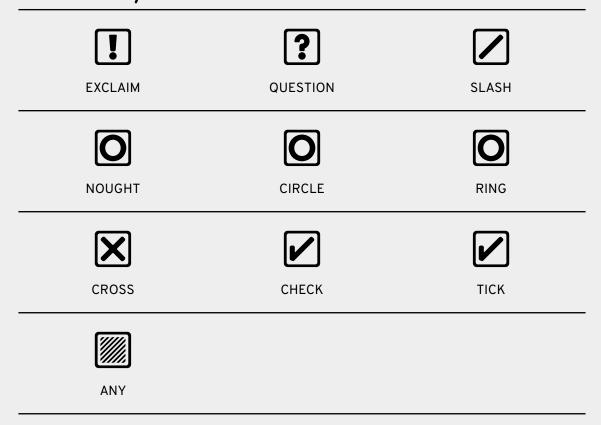
Note 2: These icons don't display correctly in Dark weight.

Note 3: To create d4, d8, d10, d12, d20, and barrel dice using only standard number and wildcard codes (e.g. 0, 1, 3, 5, 7, ANY), see D4, D8, D10, D12, AND D20 and BARREL DICE.

### → Taoist trigram dice



## → Other symbol dice



**Note 1:** The ANY die face is a wildcard that represents a face that could be any number (or other face, depending on the context).

**Note 2:** The EXCLAIM (**!**) and QUESTION (**?**) die faces are currently sidelined. They will not be included in translations or developed further. This may change in the future.

## <u>Dominoes</u>

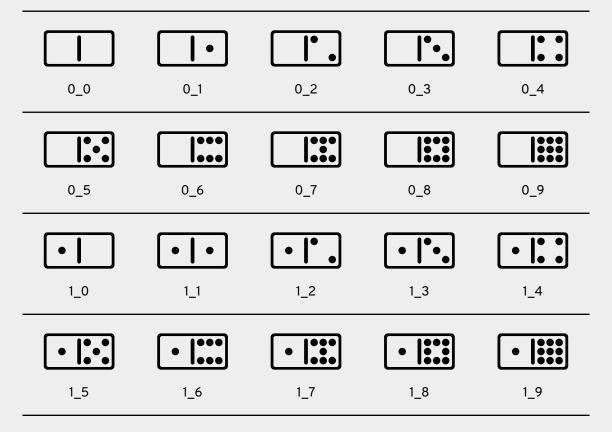
#### → Dominoes overview

Dicier includes codes for dominoes with up to 9 pips on each side and wildcards—sides with any number of pips. The two sides of each domino are separated by an underscore. Blank sides are represented using 0. You can create a generic domino with the code DOMINO ( ).

You can adjust some types of domino icon using these OpenType features (see CHAPTER 4: ADVANCED FEATURES for further information):

- number and wildcard styles (ss01-11);
- Chinese dominoes (ss03-05);
- blank-zero numerals (cv14);
- dotted Arabic numerals 6 and 9 (cv21);
- toggle open and slashed 0 (zero).

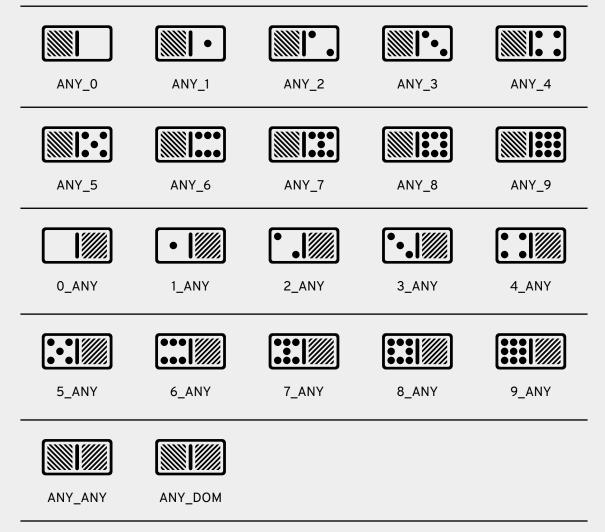
## → Numbered dominoes



etc.

**Note:** The pattern "[number][underscore][number]" can be repeated with any numbers from 1 to 9 and 0 on either side of the domino, e.g. 4\_1 (:::), 9\_7 (::::), or 3\_6 (::::).

#### → Wildcard dominos



**Note:** The ANY domino sides are wildcards that represent sides that could be any number. For example, 6\_ANY means one side (which may specifically be the left) has 6 pips and the other can have any number from 1 to 9 or 0.

# <u>Playing Cards</u>

### → Playing cards overview

Dicier includes codes for various card suits and values (numbers, aces and faces, and jokers) and combinations of values and suits such as the ace of spades.

The codes for numbered playing card values (e.g. THREE, NINE, FIVE) are the words for those numbers, spelled out in uppercase letters. The numeral keys (e.g. 3, 9, 5) are dice codes.

You can adjust some types of playing card icon using these OpenType features (see CHAPTER 4: ADVANCED FEATURES for further information):

- poker dice (cv10-12);
- dotted Arabic numerals 6 and 9 (cv21);
- pentacle-shaped coins (cv22);
- swap staves/staffs and batons (cv23);
- toggle open and slashed 0 (zero).

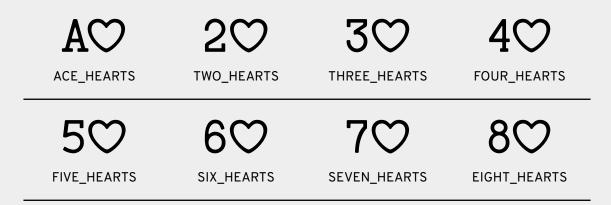
## → Card values

<b>A</b> ACE	<b>2</b> TWO	THREE	<b>4</b> FOUR	5 FIVE
<b>6</b>	7 SEVEN	8 EIGHT	9 NINE	10 TEN
J	Q	<b>K</b>		

## → Card suits



### → Card value and suit combinations



#### etc.

**Note 1:** The pattern "[value][underscore][suit]" can be repeated with any other pair of value and suit, e.g. EIGHT\_SPADES (8 $\diamondsuit$ ) or SIX\_CLUBS (6 $\diamondsuit$ ).

**Note 2:** These are actually combinations of two codes: the value followed by underscore (e.g. SIX\_) and the suit (e.g. CLUBS). This means that you can edit each half (e.g. change Modes, Weights, and colours) separately.

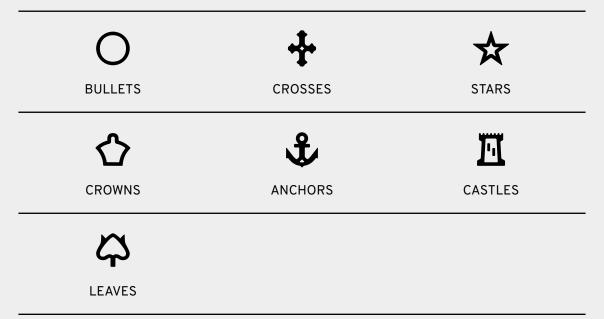
#### → Jokers



Note 1: The circled star is one historical symbol for card jokers.

**Note 2:** The coloured jokers are actually combinations of two codes: the colour followed by an underscore (e.g. RED\_) and the joker code (JOKER). This means that you can edit each half (e.g. changing Modes, Weights, and colours) separately.

#### → Uncommon historical suits



**Note 1:** Bullets (as in 'shot'; think 'bullet points') and crosses were introduced in Hiram Jones' 1895 *International* deck. Bullets were black and crosses were red. They didn't catch on.

**Note 2:** Several deck manufacturers in the 20<sup>th</sup>-21<sup>st</sup> centuries included stars as a fifth suit in various colours, including yellow, gold, and a red-black combination.

**Note 3:** Crowns and anchors are found in certain 6-suit decks, as well as in the dice game Crown and Anchor, in which crowns are red and anchors are black.

**Note 4:** Crowns, castles, and leaves were among the suits added to poker-suited decks in the 5-suit bridge fad of 1938-1939. The fifth suits were typically green or blue.

### → Tarot minor arcana

This subsection covers the minor arcana. These icons are interoperable with other features of Dicier (e.g. poker dice versions).

#### Additional card values:



**Note:** The icon for rods and wands is based on the alchemical and astronomical symbol for mercury, itself based on the caduceus, the god Mercury/Hermes' staff wrapped in twin snakes.

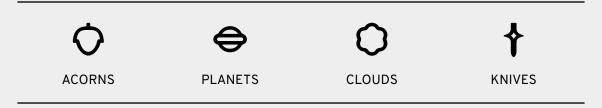
#### - Heckadeck

This subsection covers the Heckadeck by *Travis Nichols* (find it at **iamtravisnichols.com** for more information). These icons are not always inter-operable with other features of Dicier (e.g. the Heckadeck suits do not have poker dice versions), but otherwise function like ordinary playing cards icons.

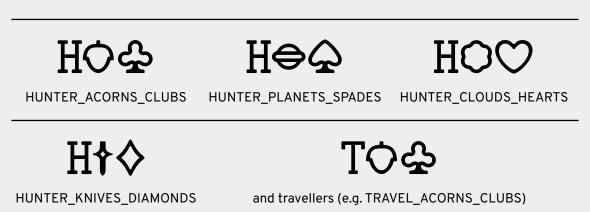
#### Additional card values:



#### Additional card suits:

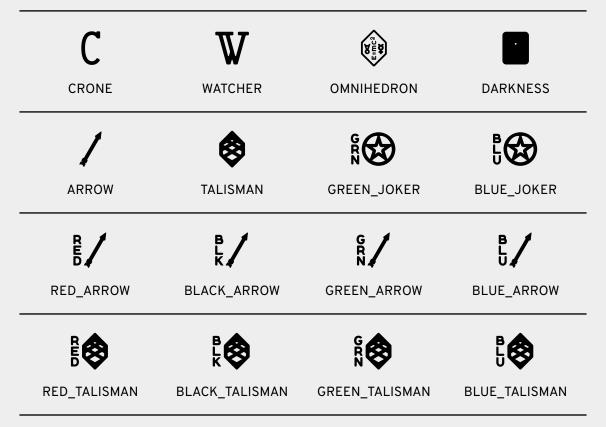


#### Additional combinations:



**Note:** The suits must be written in these orders (Heckadeck first, Poker second).

#### Extra icons:



**Note 1:** Codes for green and blue jokers and coloured arrows and talismans are split in the same way as RED\_JOKER ( $\frac{1}{6}$  and  $\frac{1}{6}$ ) and BLACK\_JOKER ( $\frac{1}{6}$  and  $\frac{1}{6}$ ).

Note 2: OMNIHEDRON is actually a combination of two smaller codes, OMNIH ( $\bigcirc$ ) and EDRON ( $^{\circ}$ ). While it's possible that the separate codes may change in the future (e.g. if either word is needed in a translation), the full combination of OMNIHEDRON will always produce the omnihedron icon.

# Other Randomisers

#### → Coins

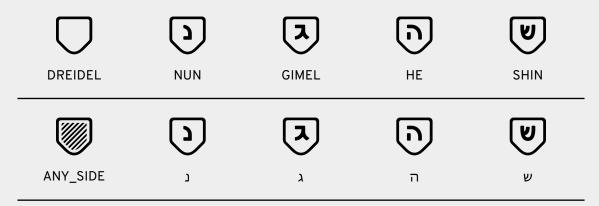


**Note:** ANY\_FLIP is for flips that could be any result. Stylistic sets affect this icon (see CHAPTER 4: ADVANCED FEATURES). Dicier doesn't yet support esoteric outcomes such as 'coin lands on edge' or 'coin falls between cushions'.

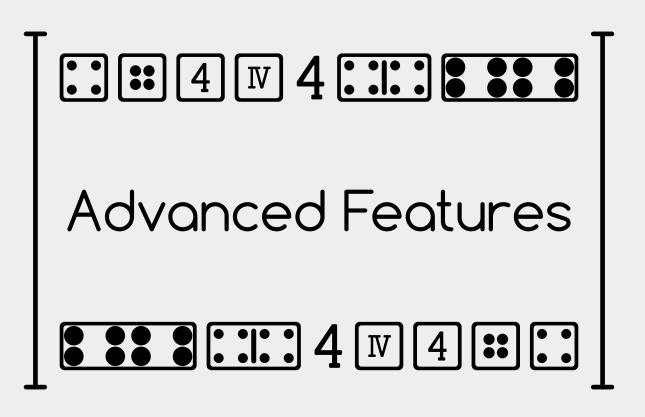
#### → Zener cards



#### → Dreidel



**Note:** ANY\_SIDE is for sides that could be any letter. Stylistic sets affect this icon (see CHAPTER 4: ADVANCED FEATURES).



# OpenType Features

### → What is OpenType?

OpenType is a font format with special features—OpenType/OT features—that let you change how a font looks and behaves, *if* the font has those features.

#### → Which OT features does Dicier have?

Dicier uses 6 OT features besides kerning:

- standard ligatures let you swap out several glyphs for one other glyph (how Dicier's codes work);
- discretionary ligatures work like standard ligatures, but they're used for double-digit number codes;
- stylistic sets let you swap out a large group of glyphs for a set with a different style;
- character variants let you swap out a small group of glyphs to fine-tune a font's appearance;
- contextual alternates let you swap out glyphs based on the letters either side (their context); and
- slashed 0 adds a slash across open, O-shaped zeroes.

You can find stylistic sets, character variants, and other settings in this chapter. Standard ligatures and contextual alternates are normally on by default in most apps, but if not, you can usually activate them in the same places as other OT features. For best results, only switch on one of Dicier's stylistic sets for a given piece of text or text style.

# How to Activate OT Features

### → ...in the Affinity Suite

There are at least 3 ways to switch on OT features in **Affinity Suite** apps like Affinity Publisher:

- A. The Typography pop-up, found through the top menu through Text > Show Typography, with its keyboard shortcut. This lets you control features for text you're selecting.
- B. The Character studio panel, switched on through the top menu through View > Studio > Character. This panel's Typography section lets you control features for text you're selecting.
- C. The Text Styles studio panel, switched on similarly to the Character panel. This lets you edit text styles by right-clicking a style's name or left-clicking the icon to its right, then choosing 'Edit'. You can find stylistic set, character variant, and other settings in the style editing pop-up under Typography > Alternates and Variants.

#### → ...in LibreOffice

You can switch on OT features in LibreOffice apps that allow you to use and edit text styles, like LibreOffice Writer.

There are two ways to switch on OT features in LibreOffie Writer:

- A. The Character pop-up, found through the top menu through Format > Character. In the 'Font' tab, click the 'Features' button to open a menu for activating features for text you're selecting.
- B. The Text Styles panel, switched on in a number of ways, including in the top menu through Styles > Manage Styles. This lets you edit text styles by right-clicking a style and choosing 'Modify'. In the style editing pop-up's 'Font' tab, click the 'Features' button to open a menu for activating features for that style.

IMPORTANT: LibreOffice has trouble recognising Dicier's Modes and Weights. You may have an easier time if you uninstall any Dicier fonts aside from the one you're using in your current file, then reinstall them after exporting it. Alternatively, try entering a Mode and Weight in the Font tab's Typeface field in the format "Mode-Weight" (without quotes). It's also possible to switch on OT features by typing tags into the font field (see LibreOffice documentation for details).

#### → ...in MS Office

These instructions are for Word and Powerpoint from Microsoft Office 365.

There are two ways to switch on OT features in MS Office:

- A. The Font Format pop-up, found in the top menu under Format > Font with its keyboard shortcut. The 'Advanced' tab lets you control features for text you're selecting.
- B. The Text Styles menu, found in the 'Home' section of the ribbon menu. This lets you edit text styles by right-clicking a style and choosing 'Modify'. In the style editing pop-up, choose 'Font' from the drop-down menu in the lower left, then click the 'Advanced' tab for feature settings.

**IMPORTANT:** MS Office has incomplete support for OT features:

- you can't switch on character variants;
- you may need to switch on standard ligatures and contextual alternates manually, as they may not be on by default. You can do this in the 'Advanced' tab mentioned above.

#### → ...in Scribus

You can switch on OT features in Scribus in the **Style Manager pop-up** found in the top menu under **Edit > Styles** with its keyboard shortcut. Choose or create a new text style and find the 'Font Features' tab (for Paragraph Styles, find it under the Character Style tab).

The menu here lets you switch on some, but not all OT features, including stylistic sets (the drop-down menu for stylistic sets lets you switch on more than one, though this isn't advised when using Dicier).

**IMPORTANT:** Scribus doesn't currently allow you to switch on character variants (as of v1.5.6.1, on Mac).

### → ...in Apple Pages and TextEdit

You can switch on OT features in both Apple Pages and TextEdit by opening the Fonts pop-up, found through the top menu through Format > Font > Show Fonts along with its keyboard shortcut. Click the gear menu icon, then 'Typography' to open a pop-up that lets you control features for the text you're selecting (which you can bake into that text's style using the 'Update' button in the Text Style panel on the right).

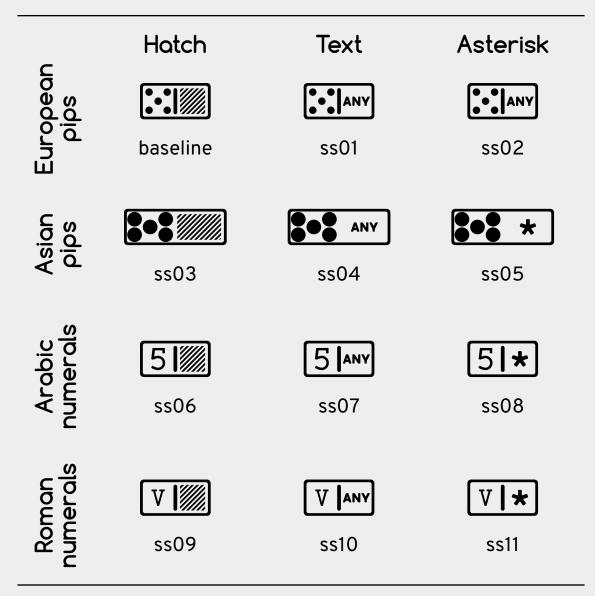
**IMPORTANT:** These apps have limited support for OT features and user fonts:

- User-installed fonts may not be available in the dropdown font menu, in which case they must be selected through the Fonts pop-up.
- Neither app supports character variants (as of v11.0).

# Deeper Customisation

### → Numbers and Wildcards (ss01-11)

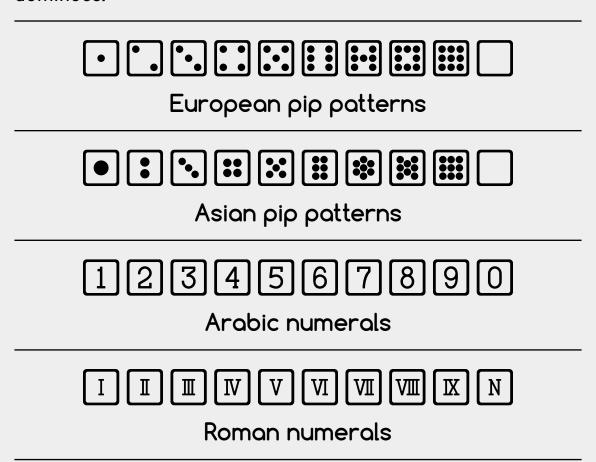
Choose your preferred **Number Style** (European or Asian pips, Arabic or Roman numerals) and **Wildcard Style** (hatch, text, and asterisk) to find out which stylistic set to switch on. For more information and examples, see the following pages.



**Note:** Dominoes become Chinese dominoes in stylistic sets 03 to 05. See later in this chapter for more information.

### → Number Styles

Dicier has 4 **Number Styles** for dice (including diceless pips) and dominoes:

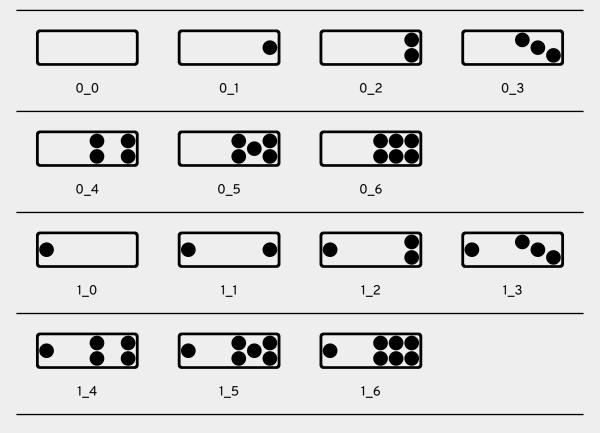


**Note 1:** The roman numeral 'N' stands for 'nulla' (nothing), an early medieval abbreviation not from the ancient Roman period.

**Note 2:** The die result codes (e.g. 4\_ON\_D6), non-d6 numbered dice (ss12-18), and backgammon doubling cube (cv27) are not affected by Number Styles and always use Arabic numerals.

#### → Chinese dominoes

Dicier includes Chinese dominoes in stylistic sets 03 to 05. These elongated dominoes have larger pips in different, denser patterns and reach a maximum of 6 pips instead of 9:



etc.

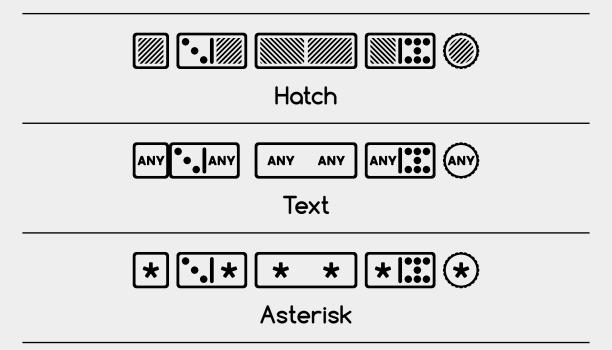
Note 1: The pattern "[number][underscore][number]" can be repeated with any numbers from 1 to 6 and 0 on either side of the domino, e.g. 1\_2 ( ) or 5\_4 ( ).

Note 2: The double-3 ( ) has an unusual pattern (called 'long threes'). This is the real pattern, not a mistake in Dicier.

Note 3: The Chinese dominoes include the same wildcards as the other domino sets, e.g. 4\_ANY ( ) or ANY\_2 ( \* ).

### → Wildcard Styles

Dicier has 3 Wildcard Styles for dice, dominoes, and coin-flips:



Note 1: At smaller font sizes, the asterisks can look like lone pips.

**Note 2:** The wildcard die result codes, e.g. ANY\_ON\_D6, and non-d6 numbered dice (ss12-18) are not affected by Wildcard Styles and always use hatching.

### → d4, d8, d10, d12, and d20 (ss12-16)

You can switch from d6 to other standard polyhedral dice using stylistic sets 12 to 16. This allows you to use number and wildcard codes (e.g. 1, 2, 3, ANY) on top of results codes (e.g. 5\_ON\_D8, ANY\_ON\_D4). You must activate discretionary ligatures when using double-digit codes for d10, d12, and d20.



ss12 on



ss13 on



ss14 and discretionary ligatures on



ss15 and discretionary ligatures on



ss16 and discretionary ligatures on

# → Barrel dice (ss17-18)

You can switch from d6 to vertical or horizontal barrel dice using stylistic sets ss17 and 18.



(1)(2)(3)(4)(5) 6)(7)(8)(9)(0)((//10)

ss18 on

### → Mixing pip patterns (cv01-09)

Each character variant from 01 to 09 swaps the European and Asian pip patterns for that numbered die (and diceless pips):

- A. If you're using European pips, that number will show up with the Asian pattern.
- **B.** If you're using Asian pips, that number will show up with the European pattern.
- C. If you're using Arabic or Roman numerals, these character variants will have no effect.

Here's a step by step example showing how you can mix pip patterns and change Number Styles at the same time, with icons affected by active character variants shown in **Round Heavy** (•) and unaffected icons shown in **Round Dark** (•):

baseline		All dice have European pip patterns.
switch on <b>cv02</b>		The 2-pip face now has the Asian pattern.
switch on <b>ss03</b>		The dice switch to Asian pip patterns as the default, so cv02's effect reverses—now the 2-pip face has the European pattern.
switch on <b>cv01</b>	••••	The 1-pip face now has the European 1 pattern.

### → Poker dice (cv10-12)

Character variants 10, 11, and 12 transform card suits, values, and jokers into symbols on 6-sided dice. For example:



Note 1: This doesn't include combinations or Heckadeck icons.

Note 2: Poker dice suits and jokers are always filled (dark).

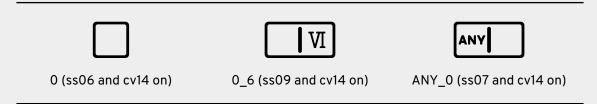
### → Triangular 3-pip patterns (cv13)

Character variant 13 replaces standard 3-pip patterns on dice with triangular 3-pip patterns. This affects European and Asian pipped dice and diceless pips. For example:



### → Blank-zero numerals (cv14)

Character variant 14 replaces 'zero' numerals (0 in Arabic and N in Roman) with blank die faces or domino sides. For example:



Note: This doesn't affect dice results codes (e.g. 0\_ON\_D6).

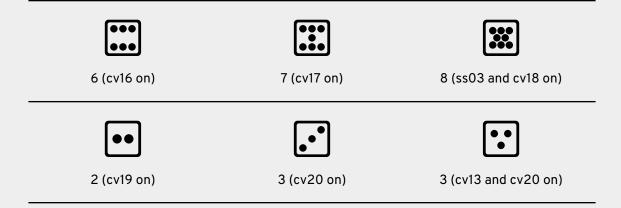
### → Larger 1-pip on Asian dice (cv15)

Character variant 15 increases the size of the pip on the 1 face on Asian pipped dice:



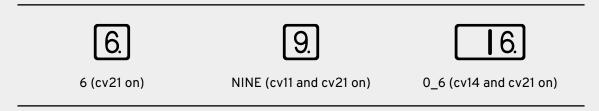
### → Rotated 6-, 7-, 8-, 2-, and 3-pip (cv16-20)

Character variants 16 to 20 rotate 6, 7, 8, 2, and 3-pip patterns on dice by 90 degrees. This affects European and Asian patterns and diceless pips (but not triangular 3-pips (cv13)). For example:



### → Dotted Arabic numerals 6 and 9 (cv21)

Character variant 21 adds a dot beside Arabic numerals 6 and 9 on dice (d6, barrel, and poker) and dominoes. For example:



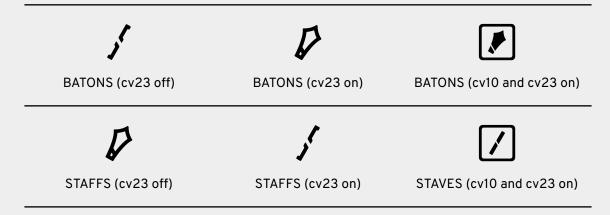
### → Pentacle-shaped coins suits (cv22)

Character variant 22 uses pentacles icons for coins in tarot:



### → Swap staves/staffs and batons (cv23)

Character variant 23 uses staves/staffs icons for batons in tarot, and vice versa. For example:



### → Dice size indicators (cv24)

Character variant 24 shows the number of sides of generic dice icons as a number on those icons:



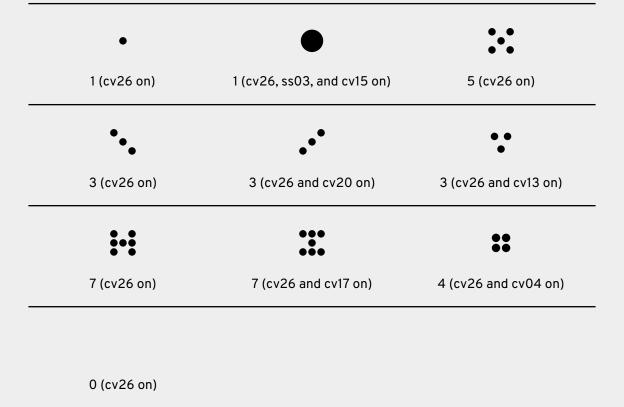
**Note:** You can't use this and result codes (e.g. 1\_ON\_D8) at the same time, as the results codes only overlap with empty dice.

### → Diceless Taoist trigrams (cv25)

Character variant 25 removes dice outlines from trigram icons to display only the trigrams themselves. For example:

### → Diceless pips (cv26)

Character variant 26 removes dice outlines from pipped dice to display only the pips. You can combine this with other features that affect pips (ss03-05; cv01-09, 13, and 15-20). For example:



**Note:** With cv26 on, 0 becomes an empty glyph. The underlying text (0) may not be exported to .pdf files.

### → Backgammon doubling cube (cv27)

Character variant 27 converts dice to the backgammon doubling cube. The cube's faces are marked with multiples of 2 starting at 2 and ending at 64. In order to use the double-digit number codes, you must activate discretionary ligatures. The 6 codes for the backgammon doubling cube are as follows:



**Note:** The backgammon doubling cube isn't normally used as a die, though it could be (and sometimes it *is* called the 'doubling die'). In backgammon, it's passed between players and used to keep track of a game's wager using its upper face.

### → 100-on-d100 vertical barrel dice (cv28)

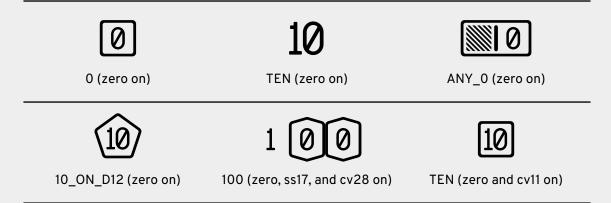
Character variant 28 removes the die outline of a '1' in front of two or more '0's in vertical barrel dice (ss17). For example:





### → Toggle open and slashed 0 (zero)

The 'slashed zero' OT feature toggles between open 0 (zero with no slash) and the more distinctive slashed zero:



**Note 1:** This can be useful for distinguishing between round card suits or values (e.g. BULLETS or QUEEN) and the zero of TEN.

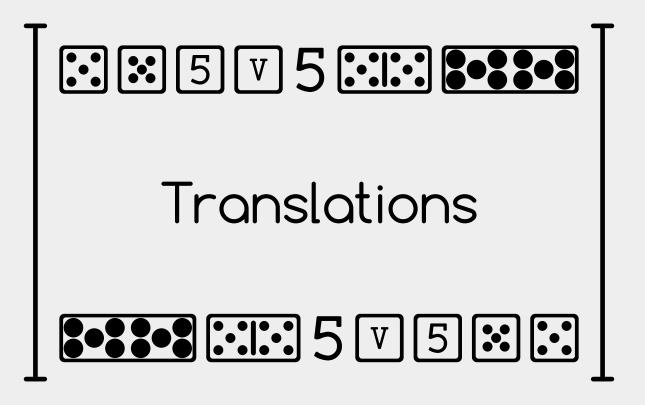
**Note 2:** Some of Dicier's Modes (e.g. Block) have slashed 0 as the default. Activating the 'slashed zero' feature will un-slash 0 in these Modes.

**Note 3:** To avoid confusion: the OT feature code for slashed 0 is 'zero', in case you're e.g. writing CSS.

#### - Limited features in Dicier Pixel

**Dicier Pixel** is simplified due to its low resolution, so it's missing some characters and features found in the other fonts:

- Yes/No/And/But... dice,
- coin-in-sofa icons,
- three-per-em, four-per-em, or six-per-em space (also called third, quarter, and sixth space),
- alternative Weights,
- Roman numerals, or text or asterisk wildcard styles (ss01-02, 04-05, 07-11),
- d4, d8, d10, d12, and d20 (ss12-16),
- poker dice (cv10 to 12), and
- the backgammon doubling cube (cv27).

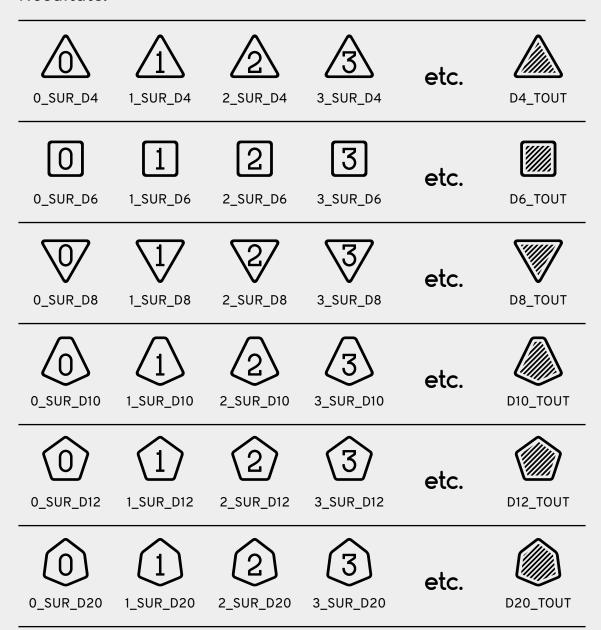


For translation credits, see TRANSLATION CREDITS

# **Français**

#### → Dé

#### Résultats:



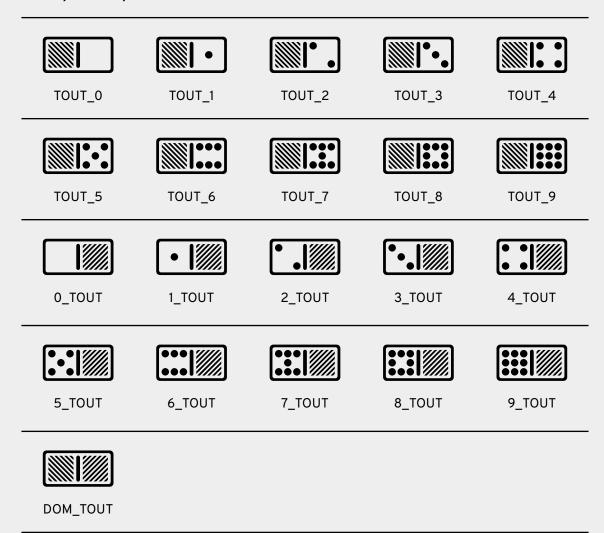
	—— Tron	slations ——	
Fudge dé:			
PLUS	<u> </u>	MOINS	BLANC
Oui, Non, Et, Mais	dé:		
OUI	NON	<b>ET</b> ET	MAIS
OUI ET OUI_ET	NON_ET	OUI_MAIS	NON MAIS NON_MAIS
Symbole dé:			
SLASH	C	ERCLE	CROIX

COCHE

TOUT

### → Dominos

#### N'importe quel domino:

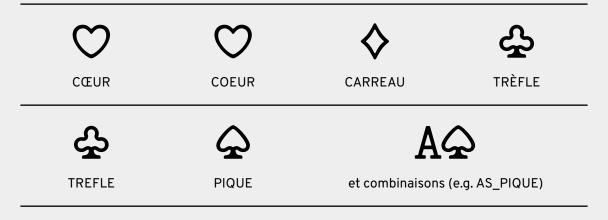


### → Cartes à jouer

#### Numéros de carte:



#### **Enseignes:**



#### Joker:



### → Autres

Pièces:

 $\bigcirc$ 

0

(F)

P

PIÈCE

PIECE

FACE

PILE





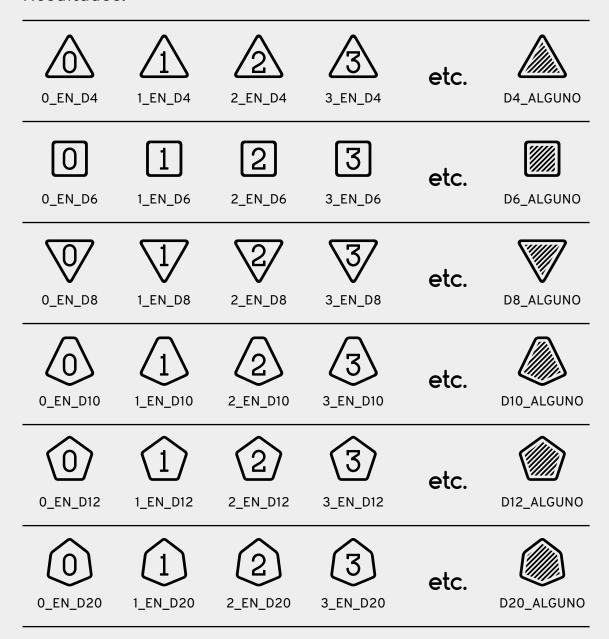
PIÈCE\_TOUT

PIECE\_TOUT

# <u>Español</u>

### → Dado

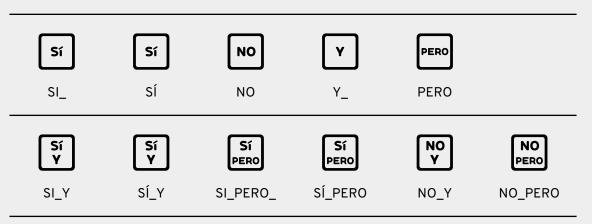
#### Resultados:



#### Fudge dado:



#### Sí, No, Y, Pero... dado:

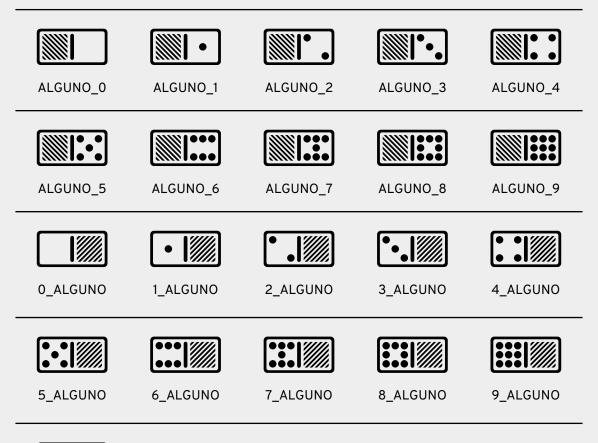


#### Símbolo de dado:



#### → Dominó

Dominó con 'cualquier número':





ALGUNO\_D

Nota: DOMINO o DOMINÓ crean un dominó genérico (p. ej. 🔲).

# → Jugando a las cartas

#### Números de cartas:

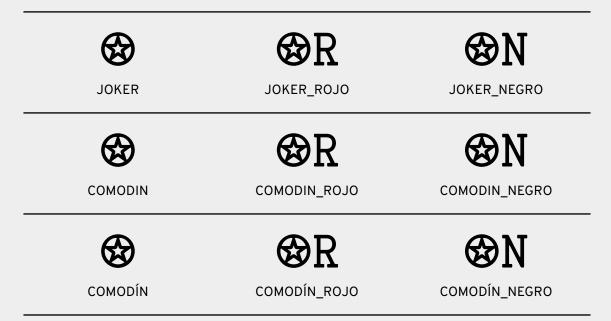


#### Trajes de cartas:



#### Translations ———

#### Comodín:



### → Otros

#### Monedas:



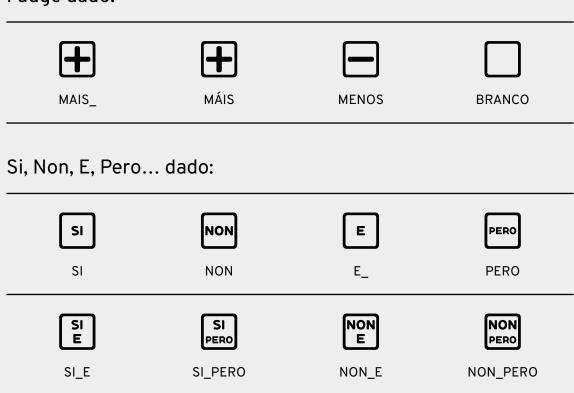
# <u>Galego</u>

Nota: ALGUN e ALGÚN son intercambiables para esta tradución.

#### → Dado e dominó

Resultados e símbolos: ver tradución ao castelán y uso ALGÚN no canto de ALGUNO.

Fudge dado:



### → Xoganda ás cartas

Números de cartas:

<b>A</b>	<b>2</b> Dous	TRES	4 CATRO	5 cinco
6 SEIS	<b>7</b> SETE	<b>8</b>	9 NOVE	<b>10</b> DEZ
<b>Ј</b>	J	<b>Q</b> RAINA	<b>Q</b> RAIÑA	<b>K</b> REI

Traxes de cartas y comodín: ver tradución ao castelán y uso:

- MOEDAS no canto de OROS,
- TREVOS no canto de TREBOLES o TRÉBOLES, e
- VERMELL (vermello) no canto de ROJO.

#### → Outros

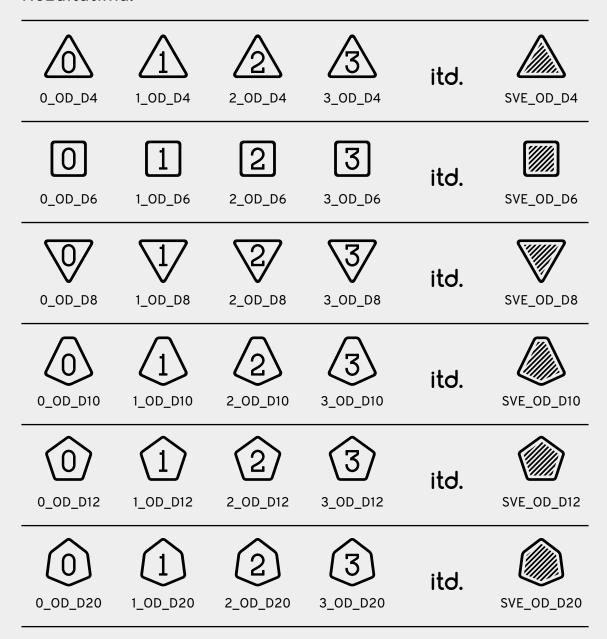
Moedas: ver tradución ao castelán y uso:

- MOEDA no canto de MONEDA, e
- ALGUN\_M o ALGÚN\_M no canto de ALGUNA.

# Književni Hrvatski

#### → Kocke

#### Rezultatima:

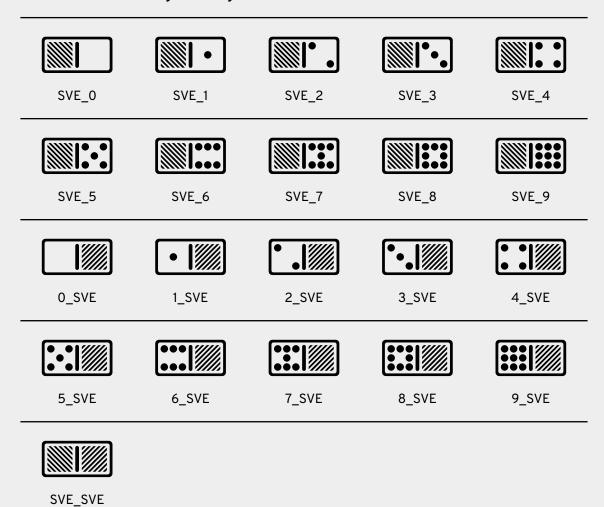


Fudge kocke:			
+	E	3	
PLUS	MIN	IUS	PRAZNO
DA	NE NE	<u> </u>	<b>ALI</b>



### → Domine

Domine s bilo kojim brojem:



Napomena: DOMINO stvara generički domino ( ).

### ⊣ Kartanje

#### Kartaška odijela:



#### Brojevi kartica:



——————————————————————————————————————			
Džoker:			
	<b>₩</b>	Ç N <b>⊗</b>	
DZOKI	R CRVENI_DZOKEI	R CRNI_DZOKER	
<b>⊗</b>	ç <b>⊗</b>	c N	
DŽOKI	R CRVENI_DŽOKEI	R CRNI_DŽOKER	
→ Drugi Novčić:			
$\overline{C}$		G	
NOVC	C NOVČIĆ	GLAVA	

REP

SVE\_N

# That's the end of the user guide—for now!

If you use Dicier in a project, please let me know about it—I'd love to see how it looks in practice!

speakthesky.itch.io/typeface-dicier/community contact@speakthesky.com

