

Converting Colors

Hex(671BDF)

Have a look what the booklet for
Hex(671BDF) contains.

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Color

Hex(671BDF)

Conversions

Conversions Part 1

Format	Color
Hex	671BDF
RGB	103, 27, 223
RGB Percent	40%, 11%, 87%
CMY	0.5961, 0.8941, 0.1255
CMYK	0.54, 0.88, 0.00, 0.13
HSL	263°, 78%, 49%
HSV	263°, 88%, 87%
XYZ	19.3047, 8.9951, 70.5308
YIQ	72.0680, -17.6200, 77.0680

Conversions

Conversions Part 2

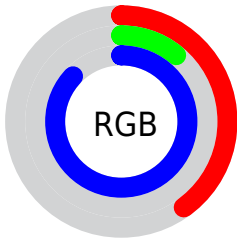
Format	Color
R_{YB}	103, 27, 223
Decimal	6757343
CIE _{Lab}	35.97, 69.88, -83.44
CIE _{LCh}	36, 108.834, 309.946
Yxy	8.9951, 0.1953, 0.0910
Android (android.graphics.Color)	4284947423 (0xFF671BDF)
YUV	72.0680, 74.4095, 27.1274
Hunter-Lab	29.9919, 62.4083, -118.4357

Details

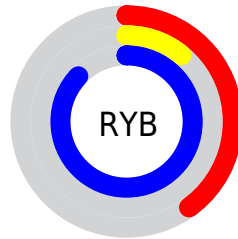
The Hex color **671BDF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **93DF1B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A656FF**, and **1600A6** is the 20% darker color. If you saturate the color by 10%, you get **5905DF**, and if you desaturate by 10%, it is **7531DF**.

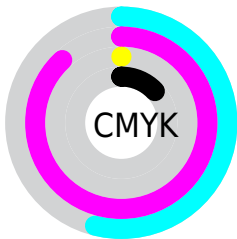
Distribution



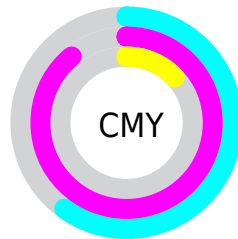
- Red (40%)
- Green (11%)
- Blue (87%)



- Red (40%)
- Yellow (11%)
- Blue (87%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (89%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 671BDF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 671BDF by changing the saturation by 10% instead.

 671BDF

 671BDF

FFFFFF

 4500C2

 A656FF

 1600A6

 C472FF

 00008B

 E38DFF

 000070

 FFA9FF

 000557

 FFC6FF

 00063E

 FFE3FF

 000327

 000111

 000000

■ 671BDF

■ 671BDF

■ 5905DF

■ 7531DF

■ 5600DF

■ 8248DF

■ 905EDF

■ 9E74DF

■ AB8BDF

■ B9A1DF

■ C7B7DF

■ D4CDDF

■ E2E4DF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005CFF



671BDF



C80093

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



671BDF



953600



007171

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



671BDF



93DF1B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006E0A



671BDF



4D5B00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



671BDF



C80000



006900



0073C6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



671BDF



DD005A



006900



007053

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



671BDF



D6BDFE



1B94DF



675880



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



671BDF



6300FF



C81BDF



696570



4400B0



130030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DF1B93



FF009C



32DF1B



70656C



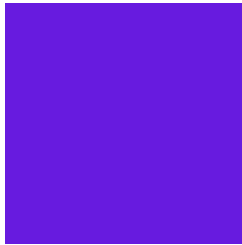
B0006C



30001E

Previews

White Background



This preview shows how the Hex color 671BDF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

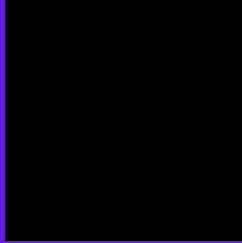
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 671BDF Background



This preview shows how black text looks on a background with the Hex color 671BDF.



This preview shows how white text looks on a background with the Hex color 671BDF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
3D5960

Trichromacy



Original Color
671BDF



Protanomaly
253EBF



Deuteranomaly
2541AF



Tritanomaly
4C428E

Monochromacy



Original Color
671BDF



Achromatopsia
484848



Achromatomaly
53387F

CSS Examples

Text

The CSS property to change the color of the text to Hex 671BDF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #671BDF looks like.

```
.text, #text, p{  
  color:#671BDF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #671BDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671BDF
}
```

Border

The CSS property to change the border of an element to Hex 671BDF is called "border". The border property can be set on classes, ids or directly on the HTML element.

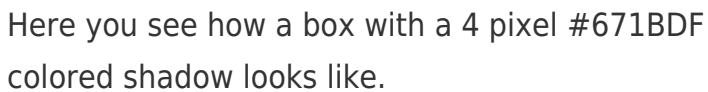
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#671BDF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#671BDF }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #671BDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671BDF; -webkit-box-shadow:4px 4px  
4px 4px #671BDF; box-shadow:4px 4px 4px  
4px #671BDF }
```

Background

The CSS property to change the background color of an element to Hex 671BDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671BDF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#671BDF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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