

Converting Colors

Hex(676FEB)

Have a look what the booklet for
Hex(676FEB) contains.

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Color

Hex(676FEB)

Conversions

Conversions Part 1

Format	Color
Hex	676FEB
RGB	103, 111, 235
RGB Percent	40%, 44%, 92%
CMY	0.5961, 0.5647, 0.0784
CMYK	0.56, 0.53, 0.00, 0.08
HSL	236°, 77%, 66%
HSV	236°, 56%, 92%
XYZ	26.2734, 20.2506, 81.1213
YIQ	122.7440, -44.5720, 36.8680

Conversions

Conversions Part 2

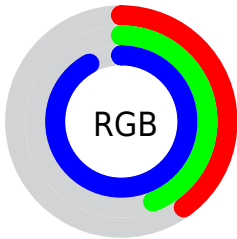
Format	Color
R _Y B	103, 111, 235
Decimal	6778859
CIE Lab	52.12, 32.09, -63.86
CIE LCh	52, 71.472, 296.679
Yxy	20.2506, 0.2058, 0.1586
Android (android.graphics.Color)	4284968939 (0xFF676FEB)
YUV	122.7440, 55.3422, -17.3155
Hunter-Lab	45.0007, 25.4649, -75.3797

Details

The Hex color **676FEB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **EBE367**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A3A3FF**, and **1F40B2** is the 20% darker color. If you saturate the color by 10%, you get **4F59EB**, and if you desaturate by 10%, it is **7F85EB**.

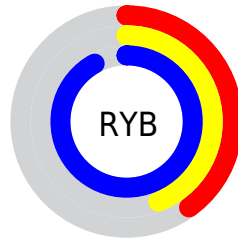
Distribution



Red (40%)

Green (44%)

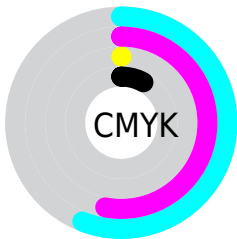
Blue (92%)



Red (40%)

Yellow (44%)

Blue (92%)

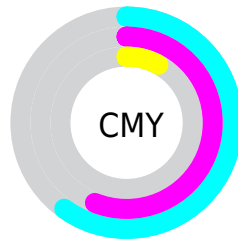


Cyan (56%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (56%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676FEB 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 676FEB by changing the saturation by 10% instead.

■ 676FEB

■ 676FEB

FFFFFF

■ 4757CE

■ A3A3FF

■ 1F40B2

■ C1BEFF

■ 002A97

■ DFD9FF

■ 00167C

■ FDF6FF

■ 000063

■ 00094A

■ 000432

■ 00021C

■ 000000

■ 676FEB

■ 676FEB

■ 4F59EB

■ 7F85EB

■ 3843EB

■ 969BEB

■ 212DEB

■ AEB1EB

■ 0917EB

■ C5C7EB

■ 000EEB

■ DDDDEB

■ F4F3EB

■ FFFFEB

Harmonies

Analogous

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



0086F8



676FEB



BE4EC1

Triad

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



676FEB



C95D07



009673

Complementary

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



676FEB



EBE367

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.



009233



676FEB



9C7700

Square

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



676FEB



E43D49



618900



0097B2

Rectangle

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



676FEB



DB399A



618900



00965E

Sweetspot

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



676FEB



D4D6FF



67EBE2



666880



000000



808080

Same Dimension

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



676FEB



545FFF



A067EB



6A6A75



000BB5



000336

Inverse Universe

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



EB676F



FF545F



B2EB67



756A6A



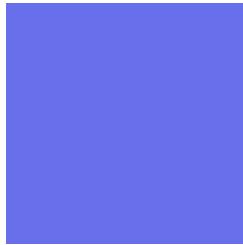
B5000B



360003

Previews

White Background



This preview shows how the Hex color 676FEB looks on a white background.

Color Contrast Check

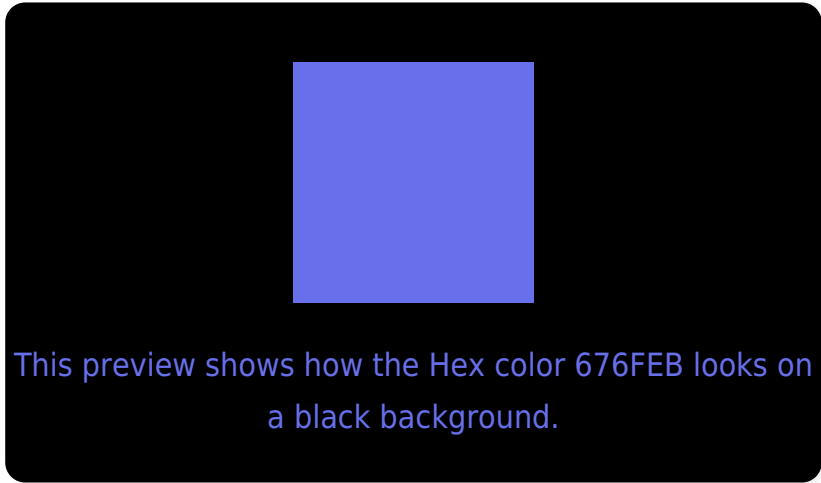
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

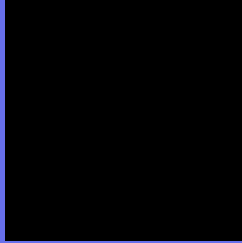
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 676FEB Background



This preview shows how black text looks on a background with the Hex color 676FEB.

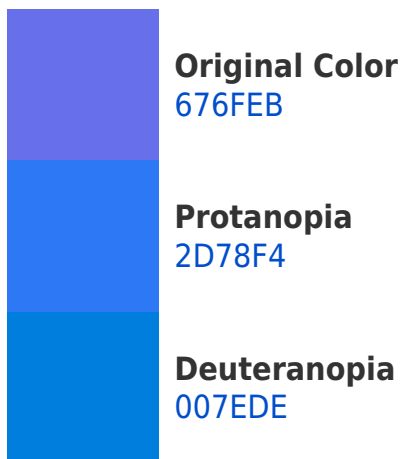


This preview shows how white text looks on a background with the Hex color 676FEB.

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](#).

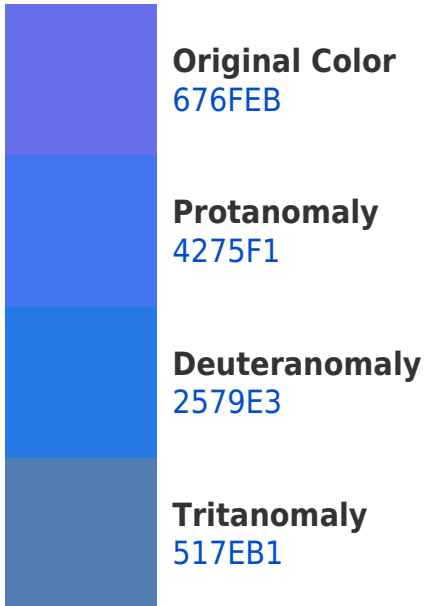
Dichromacy



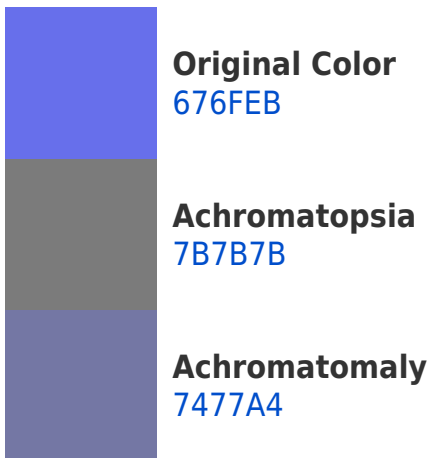


Tritanopia
458690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 676FEB 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 #676FEB looks like.

```
.text, #text, p{  
    color:#676FEB  
}
```

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 #676FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676FEB
}
```

Border

The CSS property to change the border of an element to Hex 676FEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

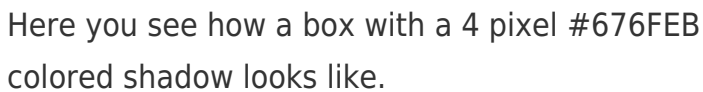
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676FEB }
```

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

```
.border{ border-color:#676FEB }
```

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



Here you see how a box with a 4 pixel #676FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676FEB; -webkit-box-shadow:4px 4px  
4px 4px #676FEB; box-shadow:4px 4px 4px  
4px #676FEB }
```

Background

The CSS property to change the background color of an element to Hex 676FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676FEB }
```

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

```
.background{ background-color:#676FEB }
```

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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