

Converting Colors

Hex(686EBF)

Have a look what the booklet for
Hex(686EBF) contains.

Hex(686EBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(686EBF)

Conversions

Conversions Part 1

Format	Color
Hex	686EBF
RGB	104, 110, 191
RGB Percent	41%, 43%, 75%
CMY	0.5922, 0.5686, 0.2510
CMYK	0.46, 0.42, 0.00, 0.25
HSL	236°, 40%, 58%
HSV	236°, 46%, 75%
XYZ	20.6888, 17.8565, 51.6464
YIQ	117.4400, -29.5770, 23.9190

Conversions

Conversions Part 2

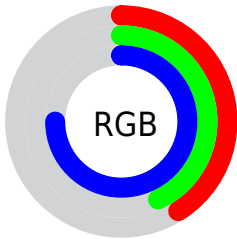
Format	Color
RYB	104, 110, 191
Decimal	6844095
CIELab	49.32, 19.21, -43.35
CIELCh	49, 47.419, 293.901
Yxy	17.8565, 0.2294, 0.1980
Android (android.graphics.Color)	4285034175 (0xFF686EBF)
YUV	117.4400, 36.2651, -11.7869
Hunter-Lab	42.2570, 13.4431, -42.8844

Details

The Hex color **686EBF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BFB968**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FA1F8**, and **303F89** is the 20% darker color. If you saturate the color by 10%, you get **555CBF**, and if you desaturate by 10%, it is **7B80BF**.

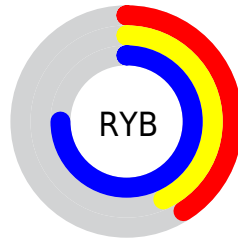
Distribution



Red (41%)

Green (43%)

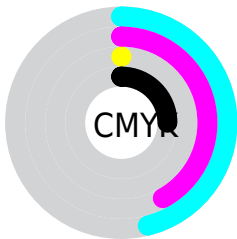
Blue (75%)



Red (41%)

Yellow (43%)

Blue (75%)

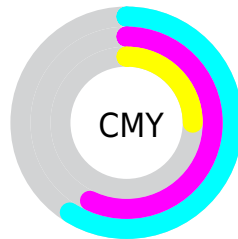


Cyan (46%)

Magenta (42%)

Yellow (0%)

Black (25%)



Cyan (59%)

Magenta (57%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686EBF 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 686EBF by changing the saturation by 10% instead.

■ 686EBF

■ 686EBF

FFFFFF

■ 4D56A4

■ 9FA1F8

■ 303F89

■ BBBCFF

■ 0D296F

■ D8D8FF

■ 001556

■ F5F5FF

■ 00003F

■ 000328

■ 000111

■ 000000

■ 686EBF

■ 686EBF

■ 555CBF

■ 7B80BF

■ 424ABF

■ 8E92BF

■ 2F39BF

■ A1A3BF

■ 1C27BF

■ B4B5BF

■ 0915BF

■ C7C7BF

■ 000DBF

■ DBD9BF

■ EEEABF

■ FFFCBF

■ FFFFBF

Harmonies

Analogous

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



007CC5



686EBF



9E5DA5

Triad

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



686EBF



AF6135



00886B

Complementary

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



686EBF



BFB968

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.



388444



686EBF



92701F

Square

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



686EBF



BE5357



6B7D26



008995

Rectangle

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



686EBF



B3548D



6B7D26



00875E

Sweetspot

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



686EBF



D5D7F7



68BFB8



68697D



FCFCFC



7D7D7D

Same Dimension

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



686EBF



6F79F7



8C68BF



55565E



000B9E



00021F

Inverse Universe

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



BF686E



F76F79



9BBF68



5E5556



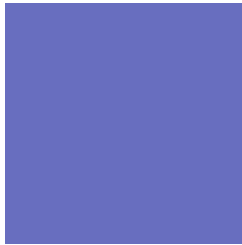
9E000B



1F0002

Previews

White Background



This preview shows how the Hex color 686EBF 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 × 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 686EBF Background



This preview shows how black text looks on a background with the Hex color 686EBF.

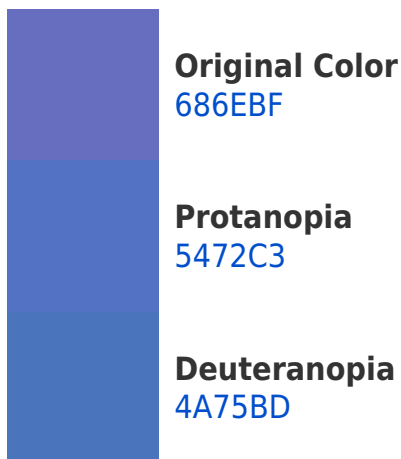


This preview shows how white text looks on a background with the Hex color 686EBF.

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](#).

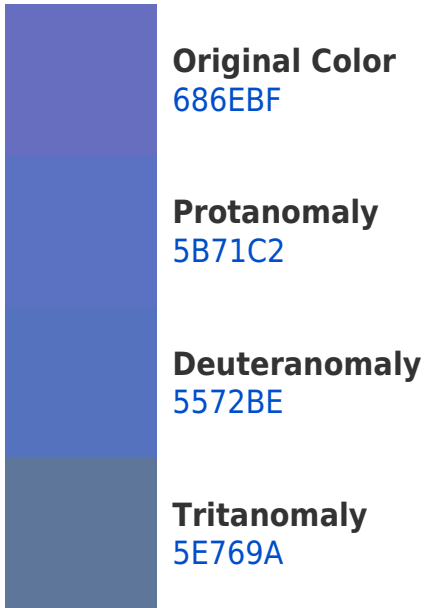
Dichromacy





Tritanopia
587B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 686EBF 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 #686EBF looks like.

```
.text, #text, p{  
    color:#686EBF  
}
```

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 #686EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686EBF
}
```

Border

The CSS property to change the border of an element to Hex 686EBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

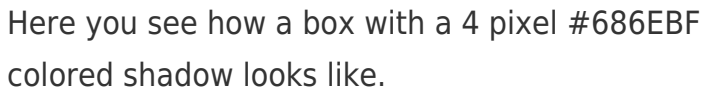
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686EBF }
```

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

```
.border{ border-color:#686EBF }
```

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



Here you see how a box with a 4 pixel #686EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686EBF; -webkit-box-shadow:4px 4px  
4px 4px #686EBF; box-shadow:4px 4px 4px  
4px #686EBF }
```

Background

The CSS property to change the background color of an element to Hex 686EBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686EBF }
```

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

```
.background{ background-color:#686EBF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor