

Converting Colors

Hex(686FB8)

Have a look what the booklet for
Hex(686FB8) contains.

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Color

Hex(686FB8)

Conversions

Conversions Part 1

Format	Color
Hex	686FB8
RGB	104, 111, 184
RGB Percent	41%, 44%, 72%
CMY	0.5922, 0.5647, 0.2784
CMYK	0.43, 0.40, 0.00, 0.28
HSL	235°, 36%, 56%
HSV	235°, 43%, 72%
XYZ	20.0451, 17.7726, 47.7214
YIQ	117.2290, -27.6050, 21.2190

Conversions

Conversions Part 2

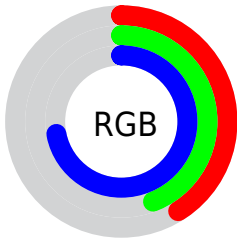
Format	Color
RYB	104, 110, 184
Decimal	6844344
CIELab	49.22, 16.50, -39.47
CIELCh	49, 42.783, 292.687
Yxy	17.7726, 0.2343, 0.2078
Android (android.graphics.Color)	4285034424 (0xFF686FB8)
YUV	117.2290, 32.9181, -11.6018
Hunter-Lab	42.1576, 11.0974, -37.6045

Details

The Hex color **686FB8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8B168**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FA2F0**, and **324082** is the 20% darker color. If you saturate the color by 10%, you get **565EB8**, and if you desaturate by 10%, it is **7A80B8**.

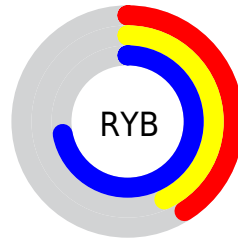
Distribution



Red (41%)

Green (44%)

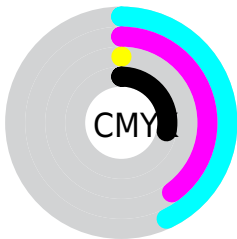
Blue (72%)



Red (41%)

Yellow (43%)

Blue (72%)

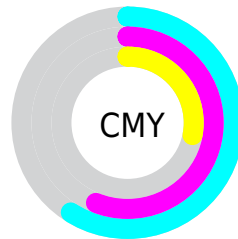


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (59%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686FB8 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 686FB8 by changing the saturation by 10% instead.

■ 686FB8

■ 686FB8

FFFFFF

■ 4D579D

■ 9FA2F0

■ 324082

■ BBBEFF

■ 122A69

■ D7D9FF

■ 001650

■ F4F6FF

■ 000039

■ 000222

■ 000009

■ 000000

■ 686FB8

■ 686FB8

■ 565EB8

■ 7A80B8

■ 434DB8

■ 8D91B8

■ 313DB8

■ 9FA1B8

■ 1E2CB8

■ B2B2B8

■ 0C1BB8

■ C4C3B8

■ 0010B8

■ D6D4B8

■ E9E5B8

■ FBF5B8

■ FFFFB8

Harmonies

Analogous

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



007CBD



686FB8



9960A1

Triad

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



686FB8



AB623C



00866B

Complementary

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



686FB8



B8B168

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.



428347



686FB8



91702A

Square

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



686FB8



B8575B



6E7B2E



008790

Rectangle

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



686FB8



AD588B



6E7B2E



04865E

Sweetspot

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



686FB8



D1D3F0



68B8B0



656678



F7F7F7



787878

Same Dimension

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



686FB8



737EF0



8868B8



53535C



000E9C



00021C

Inverse Universe

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



B8686F



F0737E



98B868



5C5353



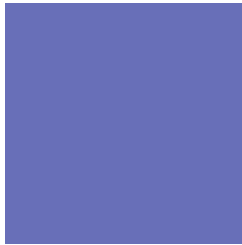
9C000E



1C0002

Previews

White Background



This preview shows how the Hex color 686FB8 looks on a white background.

Color Contrast Check

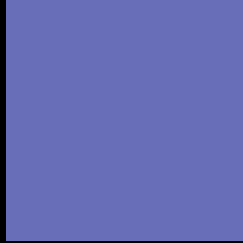
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 686FB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

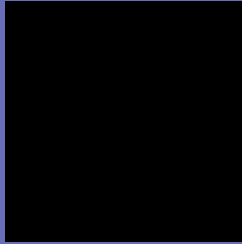
Any Text WCAG AA ✓ Pass

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 686FB8 Background



This preview shows how black text looks on a background with the Hex color 686FB8.




This preview shows how white text looks on a background with the Hex color 686FB8.

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](#).

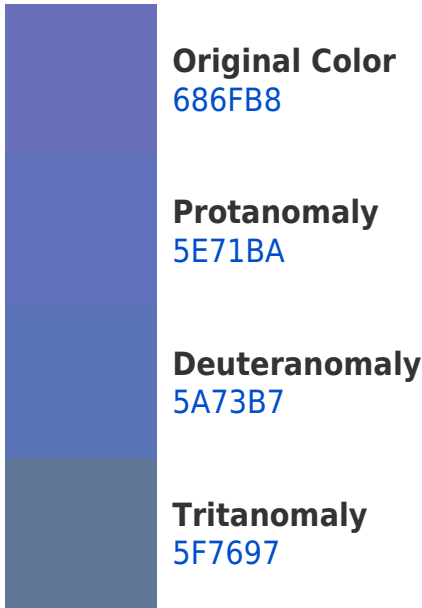
Dichromacy





Tritanopia
5A7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 686FB8 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 #686FB8 looks like.

```
.text, #text, p{  
    color:#686FB8  
}
```

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 #686FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686FB8
}
```

Border

The CSS property to change the border of an element to Hex 686FB8 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
#686FB8 }
```

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

```
.border{ border-color:#686FB8 }
```

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

Here you see how a box with a 4 pixel #686FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686FB8; -webkit-box-shadow:4px 4px  
4px 4px #686FB8; box-shadow:4px 4px 4px  
4px #686FB8 }
```

Background

The CSS property to change the background color of an element to Hex 686FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686FB8 }
```

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

```
.background{ background-color:#686FB8 }
```

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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