

Converting Colors

Hex(688CC2)

Have a look what the booklet for
Hex(688CC2) contains.

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Color

Hex(688CC2)

Conversions

Conversions Part 1

Format	Color
Hex	688CC2
RGB	104, 140, 194
RGB Percent	41%, 55%, 76%
CMY	0.5922, 0.4510, 0.2392
CMYK	0.46, 0.28, 0.00, 0.24
HSL	216°, 42%, 58%
HSV	216°, 46%, 76%
XYZ	24.8246, 25.5943, 54.6707
YIQ	135.3920, -38.7900, 9.1620

Conversions

Conversions Part 2

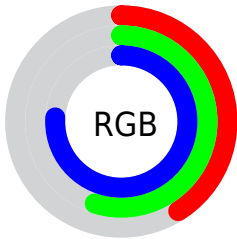
Format	Color
RYB	104, 130, 194
Decimal	6851778
CIELab	57.65, 2.15, -31.98
CIELCh	58, 32.052, 273.849
Yxy	25.5943, 0.2362, 0.2435
Android (android.graphics.Color)	4285041858 (0xFF688CC2)
YUV	135.3920, 28.8937, -27.5308
Hunter-Lab	50.5908, -0.9449, -28.6580

Details

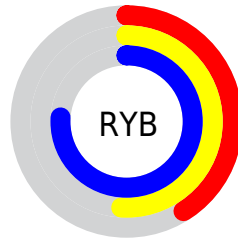
The Hex color **688CC2** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C29E68**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9FC1FB**, and **315A8C** is the 20% darker color. If you saturate the color by 10%, you get **5580C2**, and if you desaturate by 10%, it is **7B98C2**.

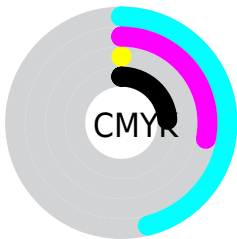
Distribution



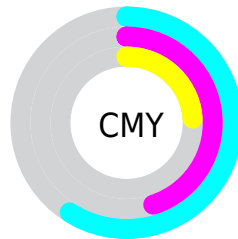
- Red (41%)
- Green (55%)
- Blue (76%)



- Red (41%)
- Yellow (51%)
- Blue (76%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688CC2 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 688CC2 by changing the saturation by 10% instead.

■ 688CC2

■ 688CC2

FFFFFF

■ 4D73A7

■ 9FC1FB

■ 315A8C

■ BBDDFF

■ 0E4372

■ D8FAFF

■ 002D5A

■ F5FFFF

■ 001942

■ 00032B

■ 000116

■ 000000

■ 688CC2

■ 688CC2

■ 5580C2

■ 7B98C2

■ 4175C2

■ 8FA3C2

■ 2E69C2

■ A2AFC2

■ 1A5DC2

■ B6BBC2

■ 0752C2

■ C9C6C2

■ 004EC2

■ DCD2C2

■ F0DDC2

■ FFE9C2

■ FFF5C2

Harmonies

Analogous

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



3794BC



688CC2



9282B9

Triad

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



688CC2



BF786D



5A9771

Complementary

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



688CC2



C29E68

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.



7C925B



688CC2



B18059

Square

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



688CC2



C07588



998A52



339A8D

Rectangle

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



688CC2



A87BAC



998A52



669669

Sweetspot

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



688CC2



D9E7FC



68C29E



6A7280



000000



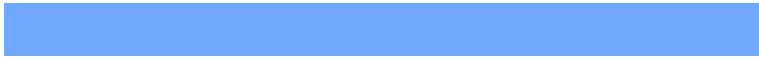
808080

Same Dimension

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



688CC2



6FA8FC



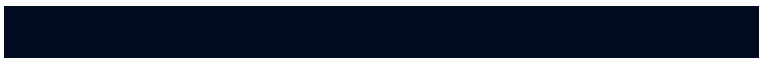
7068C2



575B61



0040A1



000D21

Inverse Universe

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



C2688C



FC6FA8



B9C268



61575B



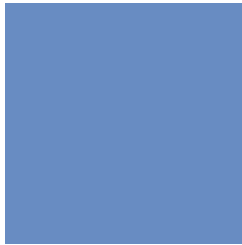
A10040



21000D

Previews

White Background



This preview shows how the Hex color 688CC2 looks on a white background.

Color Contrast Check

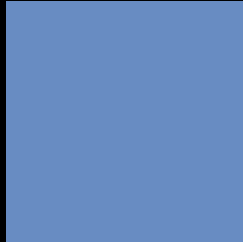
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 688CC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

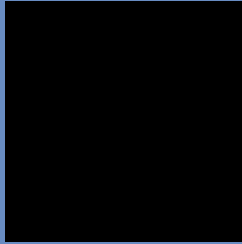
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

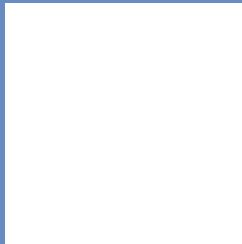
Any Text WCAG AAA × Fail

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

Hex 688CC2 Background



This preview shows how black text looks on a background with the Hex color 688CC2.



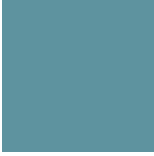
This preview shows how white text looks on a background with the Hex color 688CC2.

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](#).

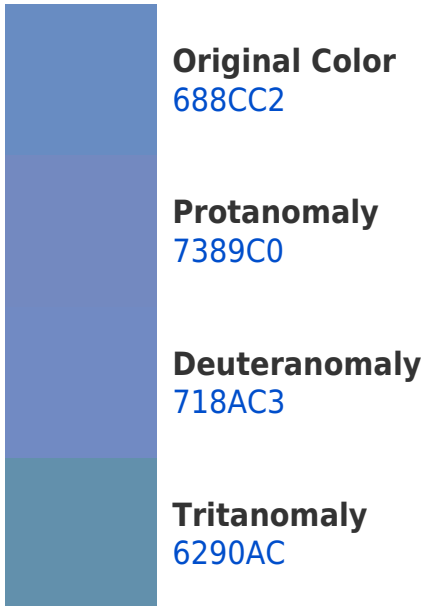
Dichromacy





Tritanopia
5E939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688CC2 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 #688CC2 looks like.

```
.text, #text, p{  
    color:#688CC2  
}
```

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 #688CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688CC2
}
```

Border

The CSS property to change the border of an element to Hex 688CC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

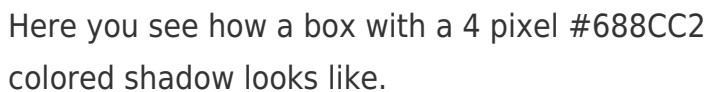
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#688CC2 }
```

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

```
.border{ border-color:#688CC2 }
```

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



Here you see how a box with a 4 pixel #688CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688CC2; -webkit-box-shadow:4px 4px  
4px 4px #688CC2; box-shadow:4px 4px 4px  
4px #688CC2 }
```

Background

The CSS property to change the background color of an element to Hex 688CC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688CC2 }
```

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

```
.background{ background-color:#688CC2 }
```

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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