

Converting Colors

Hex(668FDC)

Have a look what the booklet for
Hex(668FDC) contains.

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Color

Hex(668FDC)

Conversions

Conversions Part 1

Format	Color
Hex	668FDC
RGB	102, 143, 220
RGB Percent	40%, 56%, 86%
CMY	0.6000, 0.4392, 0.1373
CMYK	0.54, 0.35, 0.00, 0.14
HSL	219°, 63%, 63%
HSV	219°, 54%, 86%
XYZ	28.2202, 27.6370, 71.5573
YIQ	139.5190, -49.1530, 15.2550

Conversions

Conversions Part 2

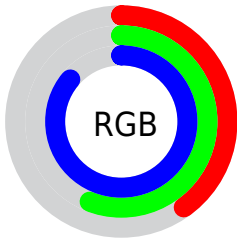
Format	Color
RYB	102, 132, 220
Decimal	6721500
CIELab	59.56, 7.88, -43.61
CIELCh	60, 44.315, 280.237
Yxy	27.6370, 0.2215, 0.2169
Android (android.graphics.Color)	4284911580 (0xFF668FDC)
YUV	139.5190, 39.6771, -32.9042
Hunter-Lab	52.5709, 3.8202, -43.9033

Details

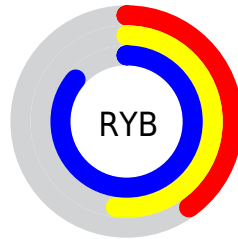
The Hex color **668FDC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCB366**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A0C4FF**, and **275DA4** is the 20% darker color. If you saturate the color by 10%, you get **5081DC**, and if you desaturate by 10%, it is **7C9DDC**.

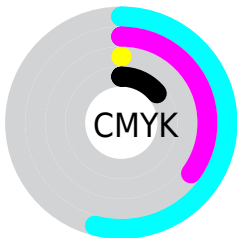
Distribution



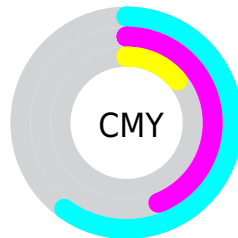
- Red (40%)
- Green (56%)
- Blue (86%)



- Red (40%)
- Yellow (52%)
- Blue (86%)



- Cyan (54%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (60%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668FDC 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 668FDC by changing the saturation by 10% instead.

■ 668FDC

■ 668FDC

FFFFFF

■ 4876C0

■ A0C4FF

■ 275DA4

■ BDE0FF

■ 00468A

■ DAFDFF

■ 003070

■ F8FFFF

■ 001C57

■ 00023F

■ 000328

■ 000112

■ 000000

■ 668FDC

■ 668FDC

■ 5081DC

■ 7C9DDC

■ 3A72DC

■ 92ACDC

■ 2464DC

■ A8BADC

■ 0E56DC

■ BEC8DC

■ 004CDC

■ D4D7DC

■ EAE5DC

■ FFF3DC

■ FFFFDC

Harmonies

Analogous

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



009BD8



668FDC



A480CB

Triad

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



668FDC



D3765F



35A174

Complementary

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



668FDC



DCB366

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.



6F9C52



668FDC



BC8445

Square

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



668FDC



D96F83



9A9240



00A39C

Rectangle

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



668FDC



C076B7



9A9240



4CA067

Sweetspot

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



668FDC



D6E4FF



66DCB3



677080



000000



808080

Same Dimension

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



668FDC



5C95FF



7866DC



63666E



003CAD



00102E

Inverse Universe

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



DC668F



FF5C95



CADC66



6E6366



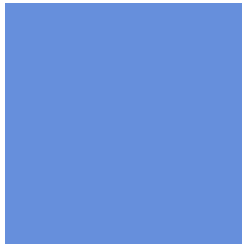
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 668FDC looks on a white background.

Color Contrast Check

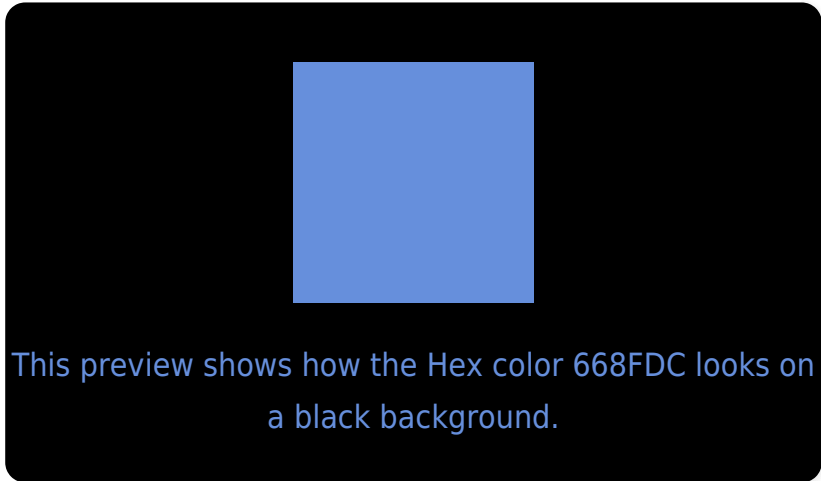
Large Text (above 18pt) WCAG AA ✓ Pass

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

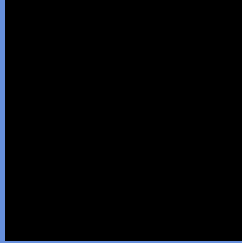
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

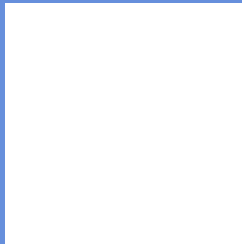
Any Text WCAG AAA × Fail

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

Hex 668FDC Background



This preview shows how black text looks on a background with the Hex color 668FDC.

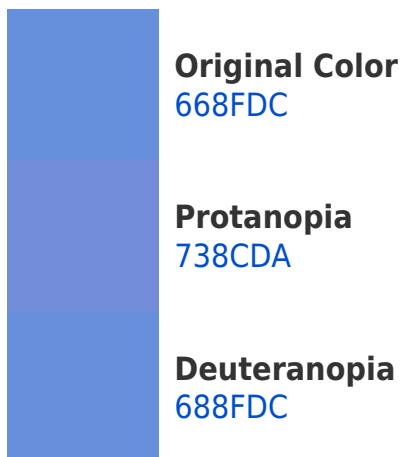


This preview shows how white text looks on a background with the Hex color 668FDC.

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](#).

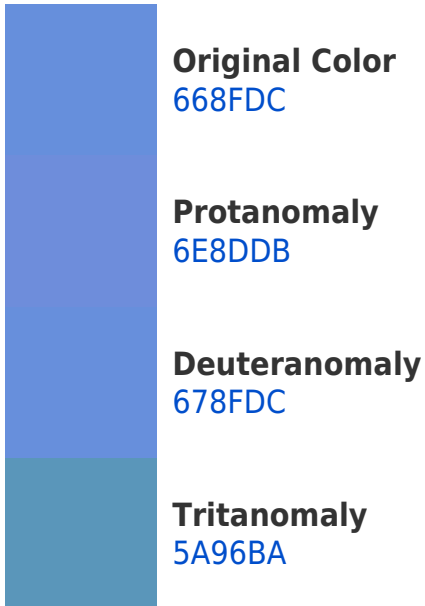
Dichromacy



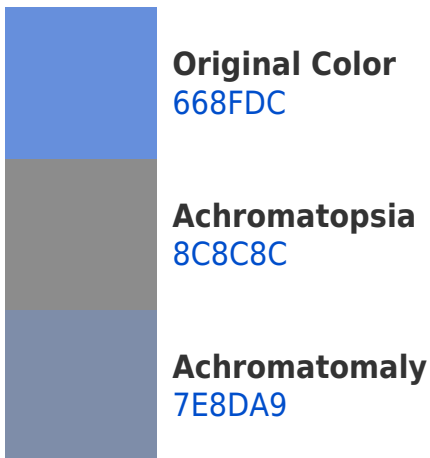


Tritanopia
539AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 668FDC 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 #668FDC looks like.

```
.text, #text, p{  
    color:#668FDC  
}
```

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 #668FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668FDC
}
```

Border

The CSS property to change the border of an element to Hex 668FDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

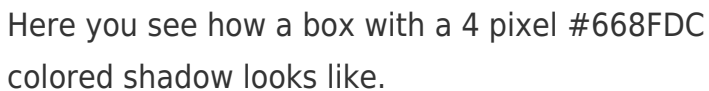
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#668FDC }
```

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

```
.border{ border-color:#668FDC }
```

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



Here you see how a box with a 4 pixel #668FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668FDC; -webkit-box-shadow:4px 4px  
4px 4px #668FDC; box-shadow:4px 4px 4px  
4px #668FDC }
```

Background

The CSS property to change the background color of an element to Hex 668FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668FDC }
```

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

```
.background{ background-color:#668FDC }
```

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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