

Converting Colors

Hex(768FDC)

Have a look what the booklet for
Hex(768FDC) contains.

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Color

Hex(768FDC)

Conversions

Conversions Part 1

Format	Color
Hex	768FDC
RGB	118, 143, 220
RGB Percent	46%, 56%, 86%
CMY	0.5373, 0.4392, 0.1373
CMYK	0.46, 0.35, 0.00, 0.14
HSL	225°, 59%, 66%
HSV	225°, 46%, 86%
XYZ	30.2119, 28.6638, 71.6505
YIQ	144.3030, -39.6170, 18.6470

Conversions

Conversions Part 2

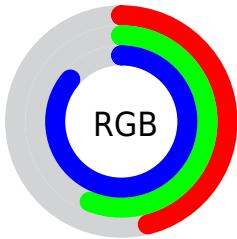
Format	Color
R_{YB}	118, 138, 220
Decimal	7770076
CIE _{Lab}	60.48, 11.56, -42.09
CIE _{LCh}	60, 43.650, 285.358
Yxy	28.6638, 0.2315, 0.2196
Android (android.graphics.Color)	4285960156 (0xFF768FDC)
YUV	144.3030, 37.3186, -23.0677
Hunter-Lab	53.5386, 7.0355, -41.8706

Details

The Hex color **768FDC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCC376**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AEC5FF**, and **3D5DA5** is the 20% darker color. If you saturate the color by 10%, you get **607EDC**, and if you desaturate by 10%, it is **8CA0DC**.

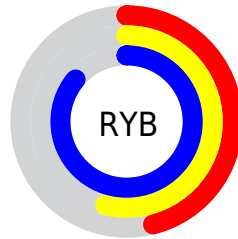
Distribution



Red (46%)

Green (56%)

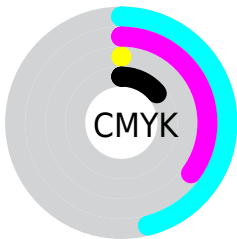
Blue (86%)



Red (46%)

Yellow (54%)

Blue (86%)

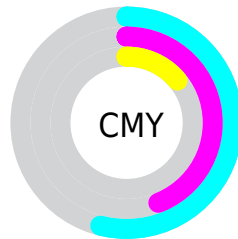


Cyan (46%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (54%)

Magenta (44%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768FDC 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 768FDC by changing the saturation by 10% instead.

 768FDC

 768FDC

FFFFFF

 5A76C0

 AEC5FF

 3D5DA5

 CBE0FF

 1C468A

 E8FDFF

 003070

 001C57

 000040

 000329

 000112

 000000

■ 768FDC

■ 768FDC

■ 607EDC

■ 8CA0DC

■ 4A6EDC

■ A2B0DC

■ 345DDC

■ B8C1DC

■ 1E4DDC

■ CED1DC

■ 083CDC

■ E4E2DC

■ 0036DC

■ FAF3DC

■ FFFFDC

Harmonies

Analogous

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



009BDC



768FDC



AE80C8

Triad

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



768FDC



D27B5D



2CA47D

Complementary

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



768FDC



DCC376

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.



6A9F5A



768FDC



B98946

Square

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



768FDC



DB727F



969645



00A6A5

Rectangle

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



768FDC



C777B3



969645



46A370

Sweetspot

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



768FDC



DBE4FF



76DCC3



6A6F80



000000



808080

Same Dimension

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



768FDC



7093FF



9076DC



63656E



002BAD



000B2E

Inverse Universe

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



DC768F



FF7093



C3DC76



6E6365



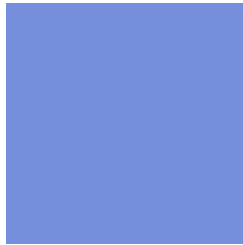
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 768FDC looks on a white background.

Color Contrast Check

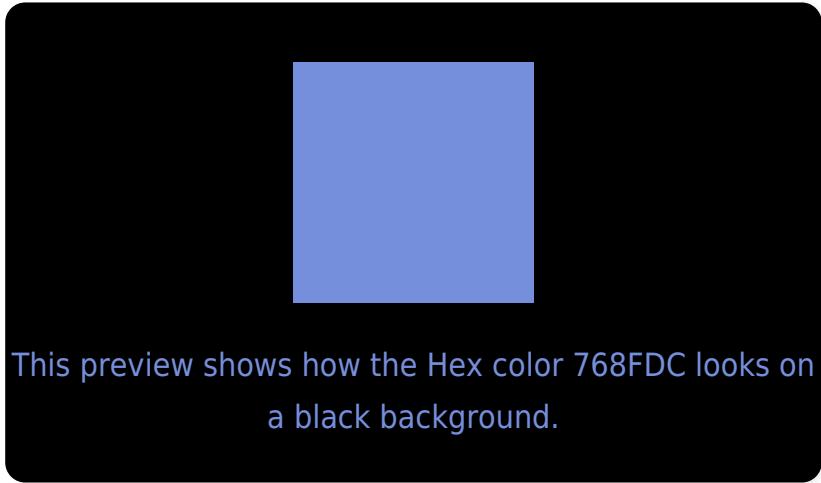
Large Text (above 18pt) WCAG AA ✓ Pass

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 768FDC Background



This preview shows how black text looks on a background with the Hex color 768FDC.



This preview shows how white text looks on a background with the Hex color 768FDC.

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](#).

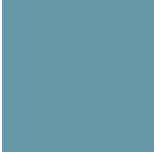
Dichromacy



Original Color
768FDC

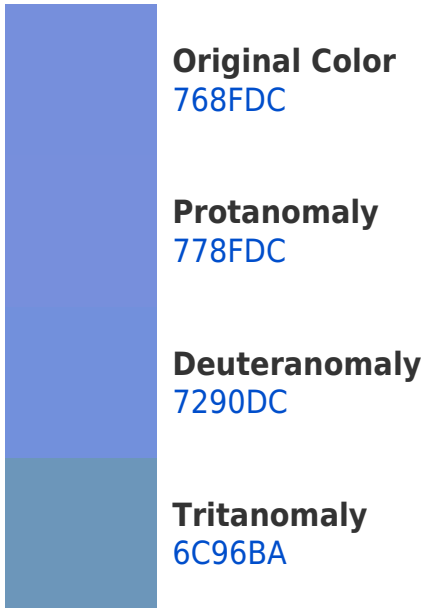
Protanopia
778FDC

Deuteranopia
6F91DC

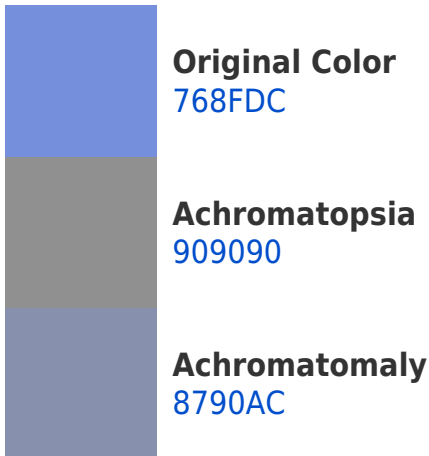


Tritanopia
669AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768FDC 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 #768FDC looks like.

```
.text, #text, p{  
    color:#768FDC  
}
```

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 #768FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768FDC
}
```

Border

The CSS property to change the border of an element to Hex 768FDC 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
#768FDC }
```

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

```
.border{ border-color:#768FDC }
```

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

Here you see how a box with a 4 pixel #768FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768FDC; -webkit-box-shadow:4px 4px  
4px 4px #768FDC; box-shadow:4px 4px 4px  
4px #768FDC }
```

Background

The CSS property to change the background color of an element to Hex 768FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768FDC }
```

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

```
.background{ background-color:#768FDC }
```

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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