

Converting Colors

Hex(758BDF)

Have a look what the booklet for
Hex(758BDF) contains.

Hex(758BDF)	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(758BDF)

Conversions

Conversions Part 1

Format	Color
Hex	758BDF
RGB	117, 139, 223
RGB Percent	46%, 55%, 87%
CMY	0.5412, 0.4549, 0.1255
CMYK	0.48, 0.38, 0.00, 0.13
HSL	228°, 62%, 67%
HSV	228°, 48%, 87%
XYZ	29.8880, 27.5749, 73.5592
YIQ	141.9980, -40.0760, 21.4600

Conversions

Conversions Part 2

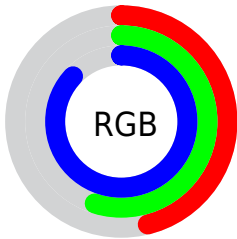
Format	Color
RYB	117, 135, 223
Decimal	7703519
CIELab	59.50, 14.57, -45.31
CIELCh	60, 47.598, 287.819
Yxy	27.5749, 0.2281, 0.2105
Android (android.graphics.Color)	4285893599 (0xFF758BDF)
YUV	141.9980, 39.9340, -21.9232
Hunter-Lab	52.5118, 9.7009, -46.2961

Details

The Hex color **758BDF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DFC975**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AEC0FF**, and **3B59A7** is the 20% darker color. If you saturate the color by 10%, you get **5F79DF**, and if you desaturate by 10%, it is **8B9DDF**.

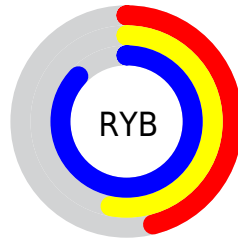
Distribution



Red (46%)

Green (55%)

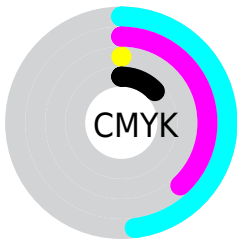
Blue (87%)



Red (46%)

Yellow (53%)

Blue (87%)

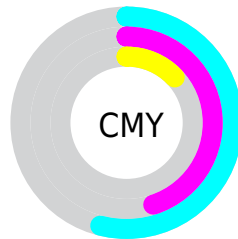


Cyan (48%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (45%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758BDF 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 758BDF by changing the saturation by 10% instead.

 758BDF

 758BDF

FFFFFF

 5972C3

 AEC0FF

 3B59A7

 CBD0FF

 18428D

 E8F9FF

 002D73

 001959

 000042

 00032B

 000115

 000000

 758BDF

 758BDF

 5F79DF

 8B9DDF

 4868DF

 A2AEDF

 3256DF

 B8C0DF

 1C44DF

 CED2DF

 0533DF

 E4E3DF

 002EDF

 FBF5DF

 FFFFDF

Harmonies

Analogous

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



0099E1



758BDF



B27AC8

Triad

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



758BDF



D27753



00A37C

Complementary

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



758BDF



DFC975

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.



5F9E55



758BDF



B6873B

Square

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



758BDF



DE6C78



8F953B



00A4A8

Rectangle

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



758BDF



CB71B0



8F953B



30A26E

Sweetspot

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



758BDF



DBE3FF



75DFC8



6A6E80



000000



808080

Same Dimension

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



758BDF



6E8CFF



9375DF



656770



0025B0



000A30

Inverse Universe

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



DF758B



FF6E8C



C1DF75



706567



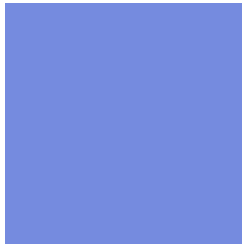
B00025



30000A

Previews

White Background



This preview shows how the Hex color 758BDF looks on a white background.

Color Contrast Check

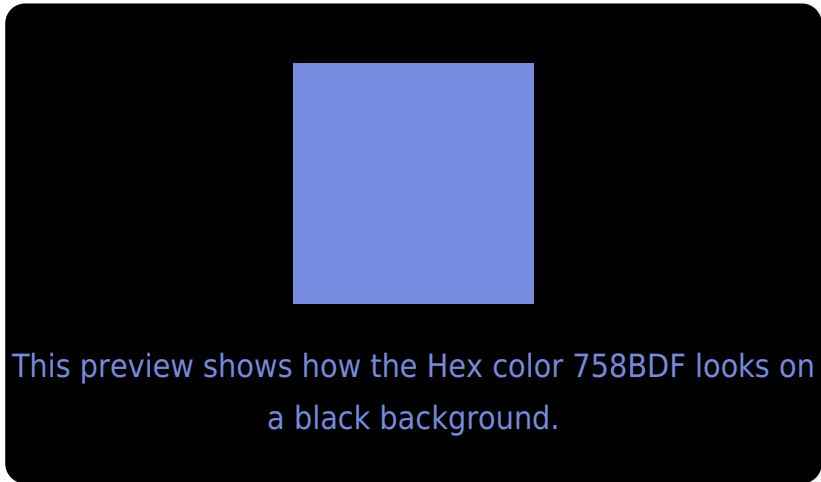
Large Text (above 18pt) WCAG AA ✓ Pass

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

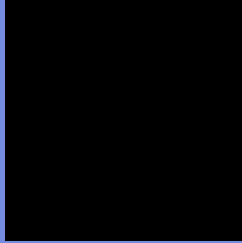
Any Text WCAG AA ✓ Pass

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 758BDF Background



This preview shows how black text looks on a background with the Hex color 758BDF.



This preview shows how white text looks on a background with the Hex color 758BDF.

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
758BDF

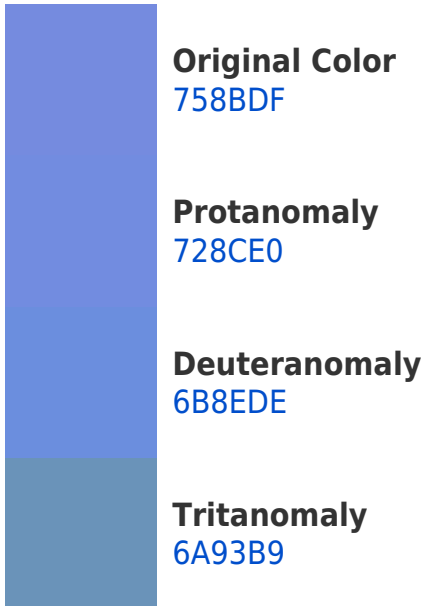
Protanopia
708CE0

Deuteranopia
668FDE

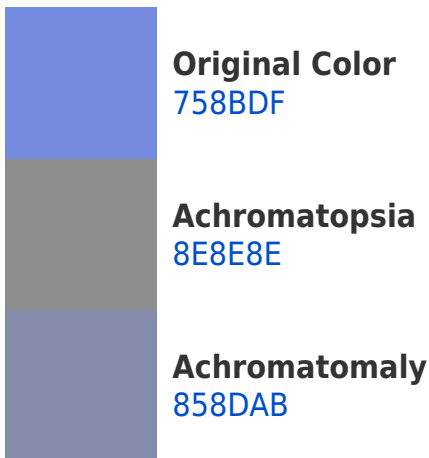


Tritanopia
6397A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758BDF 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 #758BDF looks like.

```
.text, #text, p{  
    color:#758BDF  
}
```

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 #758BDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758BDF
}
```

Border

The CSS property to change the border of an element to Hex 758BDF 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
#758BDF }
```

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

```
.border{ border-color:#758BDF }
```

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

Here you see how a box with a 4 pixel #758BDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758BDF; -webkit-box-shadow:4px 4px  
4px 4px #758BDF; box-shadow:4px 4px 4px  
4px #758BDF }
```

Background

The CSS property to change the background color of an element to Hex 758BDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758BDF }
```

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

```
.background{ background-color:#758BDF }
```

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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