

Converting Colors

Hex(758BEE)

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

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Color

Hex(758BEE)

Conversions

Conversions Part 1

Format	Color
Hex	758BEE
RGB	117, 139, 238
RGB Percent	46%, 55%, 93%
CMY	0.5412, 0.4549, 0.0667
CMYK	0.51, 0.42, 0.00, 0.07
HSL	229°, 78%, 70%
HSV	229°, 51%, 93%
XYZ	32.0014, 28.4202, 84.6879
YIQ	143.7080, -44.8910, 26.1250

Conversions

Conversions Part 2

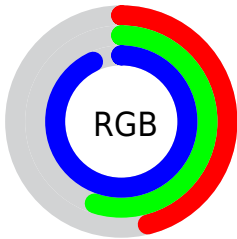
Format	Color
RYB	117, 136, 238
Decimal	7703534
CIELab	60.27, 19.11, -52.44
CIELCh	60, 55.807, 290.020
Yxy	28.4202, 0.2205, 0.1959
Android (android.graphics.Color)	4285893614 (0xFF758BEE)
YUV	143.7080, 46.4860, -23.4229
Hunter-Lab	53.3106, 13.8567, -56.8692

Details

The Hex color **758BEE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EED875**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AFC0FF**, and **3859B5** is the 20% darker color. If you saturate the color by 10%, you get **5D78EE**, and if you desaturate by 10%, it is **8D9EEE**.

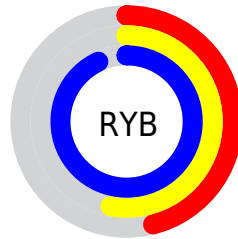
Distribution



Red (46%)

Green (55%)

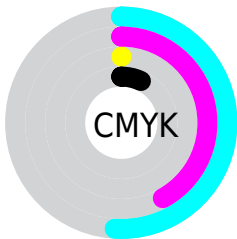
Blue (93%)



Red (46%)

Yellow (53%)

Blue (93%)

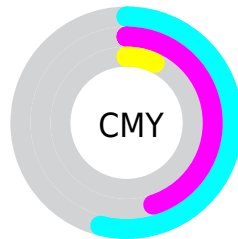


Cyan (51%)

Magenta (42%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

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

 758BEE

 758BEE

FFFFFF

 5872D1

 AFC0FF

 3859B5

 CCDCFF

 09429A

 EAF8FF

 002D80

 001966

 00004E

 000536

 00021F

 000003

 758BEE

 758BEE

 5D78EE

 8D9EEE

 4564EE

 A5B2EE

 2E51EE

 BCC5EE

 163DEE

 D4D9EE

 002BEE

 ECECEE

 FFFFEE

Harmonies

Analogous

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



009CF2



758BEE



BD76D1

Triad

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



758BEE



DB7647



00A87F

Complementary

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



758BEE



EED875

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.



50A34F



758BEE



B9892A

Square

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



758BEE



EB6672



8C992C



00A9B1

Rectangle

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



758BEE



D96AB4



8C992C



00A76E

Sweetspot

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



758BEE



D9E0FF



75EED8



696D80



000000



808080

Same Dimension

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



758BEE



6380FF



9B75EE



6C6E78



0021B8



000A38

Inverse Universe

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



EE758B



FF6380



C8EE75



786C6E



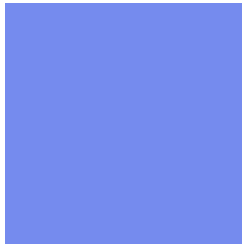
B80021



38000A

Previews

White Background



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

Color Contrast Check

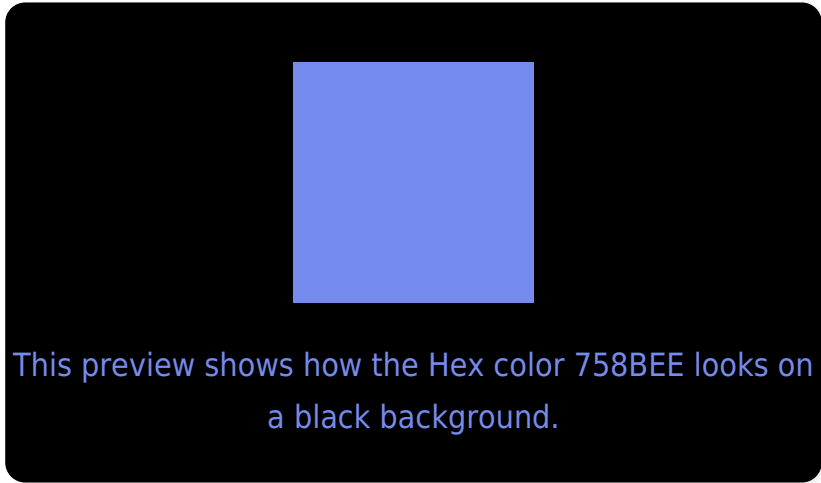
Large Text (above 18pt) WCAG AA ✓ Pass

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

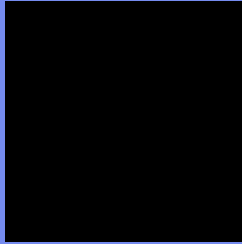
Any Text WCAG AA ✓ Pass

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 758BEE Background



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



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

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](#).

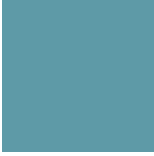
Dichromacy



Original Color
758BEE

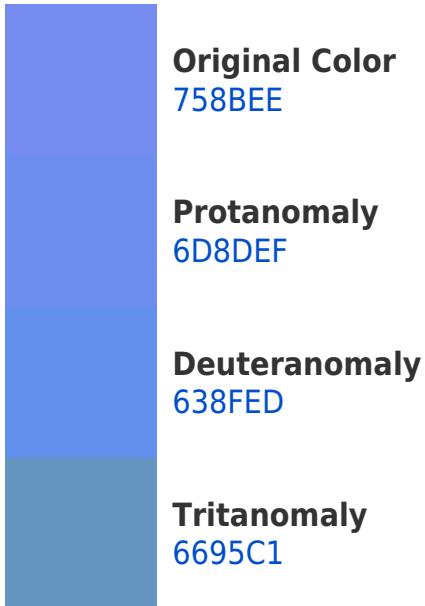
Protanopia
688EF0

Deuteranopia
5891ED



Tritanopia
5E9AA7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #758BEE colored shadow looks like.

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

Border

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

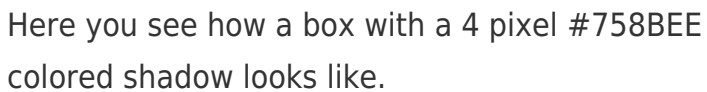
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#758BEE }
```

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

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

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



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

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

Background

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

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

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

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

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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