

Converting Colors

Hex(757FEE)

Have a look what the booklet for
Hex(757FEE) contains.

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Color

Hex(757FEE)

Conversions

Conversions Part 1

Format	Color
Hex	757FEE
RGB	117, 127, 238
RGB Percent	46%, 50%, 93%
CMY	0.5412, 0.5020, 0.0667
CMYK	0.51, 0.47, 0.00, 0.07
HSL	235°, 78%, 70%
HSV	235°, 51%, 93%
XYZ	30.3581, 25.1337, 84.1402
YIQ	136.6640, -41.5910, 32.4010

Conversions

Conversions Part 2

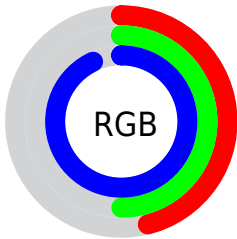
Format	Color
R _Y B	117, 126, 238
Decimal	7700462
CIE Lab	57.21, 26.24, -57.32
CIE LCh	57, 63.037, 294.600
Yxy	25.1337, 0.2174, 0.1800
Android (android.graphics.Color)	4285890542 (0xFF757FEE)
YUV	136.6640, 49.9586, -17.2453
Hunter-Lab	50.1335, 20.3561, -64.4142

Details

The Hex color **757FEE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EEE475**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AFB4FF**, and **374EB5** is the 20% darker color. If you saturate the color by 10%, you get **5D69EE**, and if you desaturate by 10%, it is **8D95EE**.

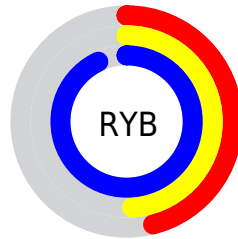
Distribution



Red (46%)

Green (50%)

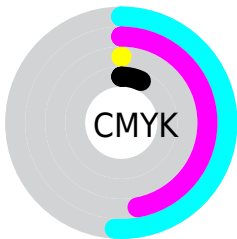
Blue (93%)



Red (46%)

Yellow (49%)

Blue (93%)

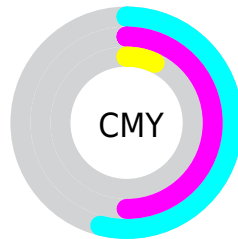


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757FEE 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 757FEE by changing the saturation by 10% instead.

 757FEE

 757FEE

FFFFFF

 5766D1

 AFB4FF

 374EB5

 CDCFFF

 05389A

 EBEBFF

 00237F

 001066

 00004D

 000535

 00021F

 000002

■ 757FEE

■ 757FEE

■ 5D69EE

■ 8D95EE

■ 4553EE

■ A5ABEE

■ 2E3EEE

■ BCC0EE

■ 1628EE

■ D4D6EE

■ 0014EE

■ ECECEE

■ FFFFEE

Harmonies

Analogous

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



0093F7



757FEE



C266CA

Triad

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



757FEE



D46D2E



00A27D

Complementary

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



757FEE



EEE475

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.



259E45



757FEE



AC8300

Square

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



757FEE



EA575F



789412



00A3B6

Rectangle

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



757FEE



DE57A8



789412



00A16A

Sweetspot

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



757FEE



D9DCFF



75EEE4



696A80



000000



808080

Same Dimension

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



757FEE



6370FF



A775EE



6C6D78



000FB8



000538

Inverse Universe

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



EE757F



FF6370



BCEE75



786C6D



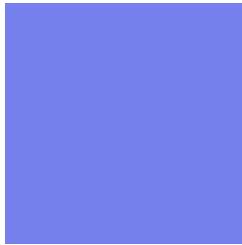
B8000F



380005

Previews

White Background



This preview shows how the Hex color 757FEE looks on a white background.

Color Contrast Check

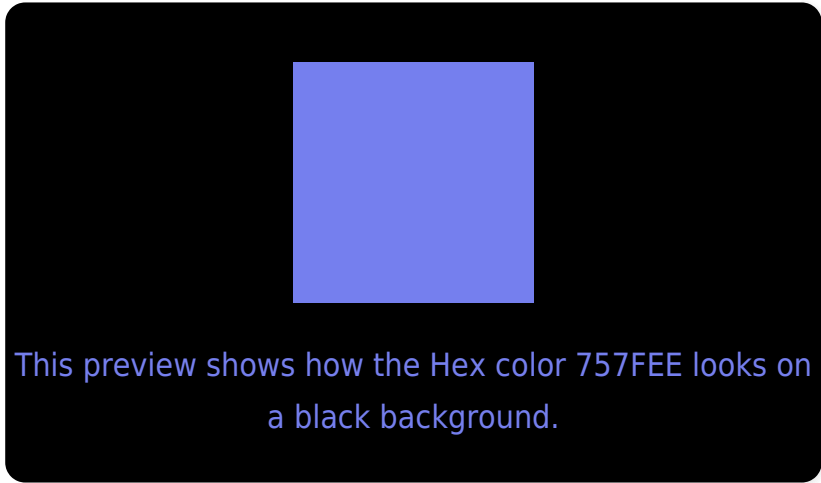
Large Text (above 18pt) WCAG AA ✓ Pass

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

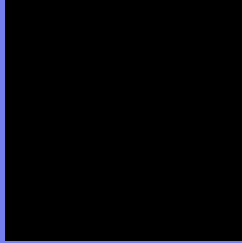
Any Text WCAG AA ✓ Pass

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 757FEE Background



This preview shows how black text looks on a background with the Hex color 757FEE.

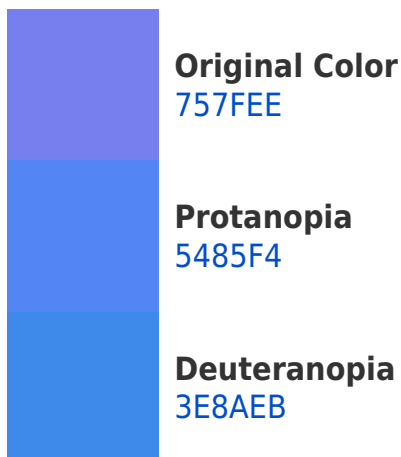



This preview shows how white text looks on a background with the Hex color 757FEE.

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](#).

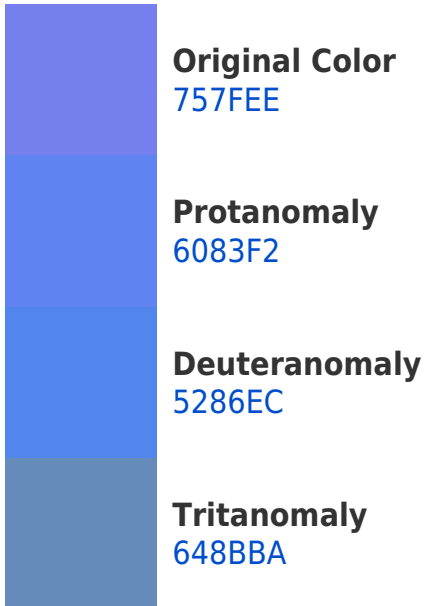
Dichromacy





Tritanopia
5B929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 757FEE 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 #757FEE looks like.

```
.text, #text, p{  
    color:#757FEE  
}
```

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 #757FEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757FEE
}
```

Border

The CSS property to change the border of an element to Hex 757FEE 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
#757FEE }
```

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

```
.border{ border-color:#757FEE }
```

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

Here you see how a box with a 4 pixel #757FEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757FEE; -webkit-box-shadow:4px 4px  
4px 4px #757FEE; box-shadow:4px 4px 4px  
4px #757FEE }
```

Background

The CSS property to change the background color of an element to Hex 757FEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757FEE }
```

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

```
.background{ background-color:#757FEE }
```

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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