

Converting Colors

Hex(757FD9)

Have a look what the booklet for
Hex(757FD9) contains.

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Color

Hex(757FD9)

Conversions

Conversions Part 1

Format	Color
Hex	757FD9
RGB	117, 127, 217
RGB Percent	46%, 50%, 85%
CMY	0.5412, 0.5020, 0.1490
CMYK	0.46, 0.41, 0.00, 0.15
HSL	234°, 57%, 65%
HSV	234°, 46%, 85%
XYZ	27.4499, 23.9704, 68.8256
YIQ	134.2700, -34.8500, 25.8700

Conversions

Conversions Part 2

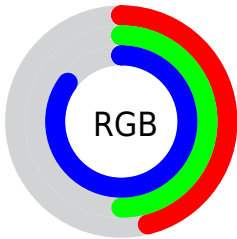
Format	Color
RYB	117, 126, 217
Decimal	7700441
CIELab	56.06, 19.90, -47.41
CIELCh	56, 51.414, 292.776
Yxy	23.9704, 0.2283, 0.1993
Android (android.graphics.Color)	4285890521 (0xFF757FD9)
YUV	134.2700, 40.7859, -15.1458
Hunter-Lab	48.9596, 14.3993, -49.0761

Details

The Hex color **757FD9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D9CF75**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ADB4FF**, and **3C4EA2** is the 20% darker color. If you saturate the color by 10%, you get **5F6BD9**, and if you desaturate by 10%, it is **8B93D9**.

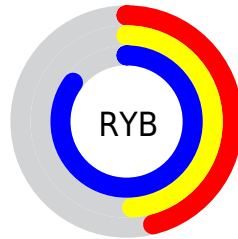
Distribution



Red (46%)

Green (50%)

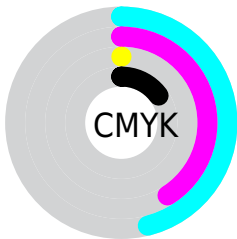
Blue (85%)



Red (46%)

Yellow (49%)

Blue (85%)

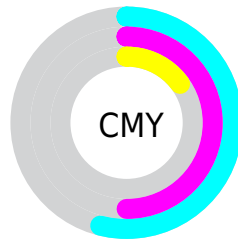


Cyan (46%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (54%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757FD9 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 757FD9 by changing the saturation by 10% instead.

 757FD9

 757FD9

FFFFFF

 5966BD

 ADB4FF

 3C4EA2

 CACFFF

 1A3887

 E8EBFF

 00236D

 000F54

 00043C

 000226

 00010E

 000000

 757FD9

 757FD9

 5F6BD9

 8B93D9

 4A58D9

 A0A6D9

 3444D9

 B6BAD9

 1E31D9

 CCCDD9

 091DD9

 E2E1D9

 0016D9

 F7F4D9

 FFFFD9

Harmonies

Analogous

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



008FDF



757FD9



B26CBD

Triad

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



757FD9



C86F40



009B7A

Complementary

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



757FD9



D9CF75

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.



45974E



757FD9



A88028

Square

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



757FD9



D86066



7D8E2D



009CA8

Rectangle

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



757FD9



CB62A2



7D8E2D



009A6A

Sweetspot

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



757FD9



DBDFFF



75D9CF



6A6C80



000000



808080

Same Dimension

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



757FD9



7381FF



9D75D9



63646E



0011AD



00052E

Inverse Universe

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



D9757F



FF7381



B1D975



6E6364



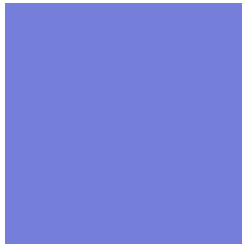
AD0011



2E0005

Previews

White Background



This preview shows how the Hex color 757FD9 looks on a white background.

Color Contrast Check

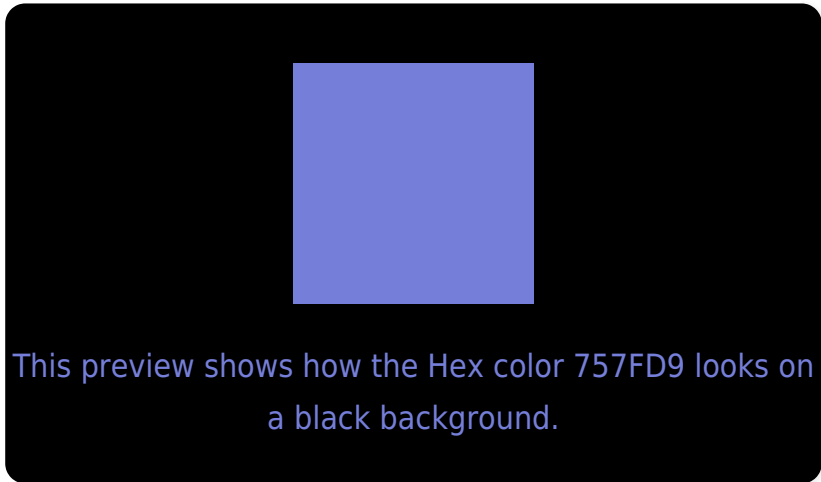
Large Text (above 18pt) WCAG AA ✓ Pass

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 757FD9 Background



This preview shows how black text looks on a background with the Hex color 757FD9.

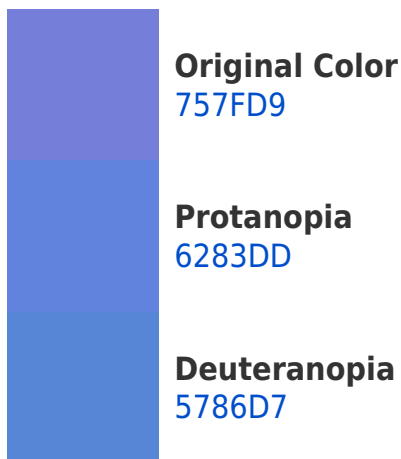



This preview shows how white text looks on a background with the Hex color 757FD9.

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](#).

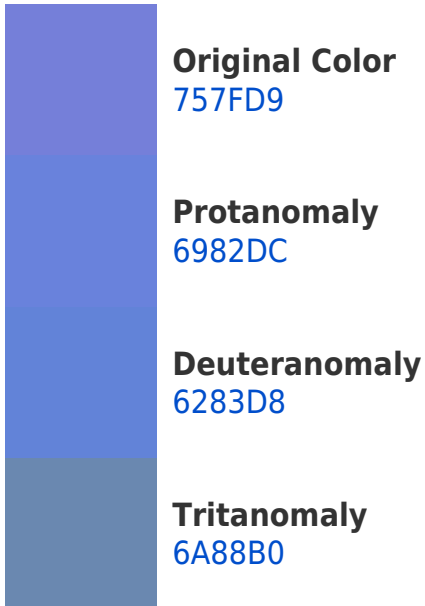
Dichromacy





Tritanopia
638D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 757FD9 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 #757FD9 looks like.

```
.text, #text, p{  
    color:#757FD9  
}
```

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 #757FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757FD9
}
```

Border

The CSS property to change the border of an element to Hex 757FD9 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
#757FD9 }
```

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

```
.border{ border-color:#757FD9 }
```

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

Here you see how a box with a 4 pixel #757FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757FD9; -webkit-box-shadow:4px 4px  
4px 4px #757FD9; box-shadow:4px 4px 4px  
4px #757FD9 }
```

Background

The CSS property to change the background color of an element to Hex 757FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757FD9 }
```

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

```
.background{ background-color:#757FD9 }
```

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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