

Converting Colors

Hex(753CF5)

Have a look what the booklet for
Hex(753CF5) contains.

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Color

Hex(753CF5)

Conversions

Conversions Part 1

Format	Color
Hex	753CF5
RGB	117, 60, 245
RGB Percent	46%, 24%, 96%
CMY	0.5412, 0.7647, 0.0392
CMYK	0.52, 0.76, 0.00, 0.04
HSL	258°, 90%, 60%
HSV	258°, 76%, 96%
XYZ	25.4334, 13.6062, 87.6720
YIQ	98.1330, -25.4130, 69.6190

Conversions

Conversions Part 2

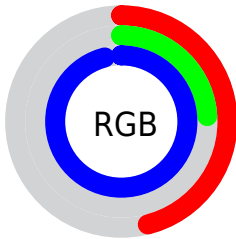
Format	Color
R _Y B	117, 60, 245
Decimal	7683317
CIE Lab	43.66, 65.03, -83.20
CIE LCh	44, 105.599, 308.013
Yxy	13.6062, 0.2007, 0.1074
Android (android.graphics.Color)	4285873397 (0xFF753CF5)
YUV	98.1330, 72.4054, 16.5464
Hunter-Lab	36.8866, 58.5248, -115.0998

Details

The Hex color **753CF5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **BCF53C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B371FF**, and **2D00BB** is the 20% darker color. If you saturate the color by 10%, you get **6423F5**, and if you desaturate by 10%, it is **8654F5**.

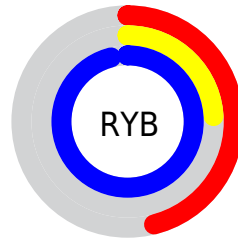
Distribution



Red (46%)

Green (24%)

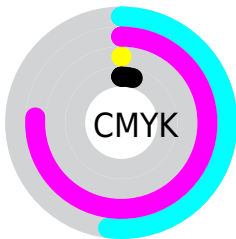
Blue (96%)



Red (46%)

Yellow (24%)

Blue (96%)

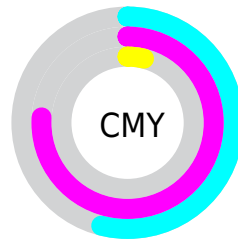


Cyan (52%)

Magenta (76%)

Yellow (0%)

Black (4%)



Cyan (54%)

Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753CF5 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 753CF5 by changing the saturation by 10% instead.

 753CF5

 753CF5


FFFFFF

 5420D8

 B371FF

 2D00BB

 D28CFF

 00009F

 F1A8FF

 000084

 FFC4FF

 00006A

 FFE1FF

 000A50

FFFEFF

 000538

 000222

 000008

 753CF5

 753CF5

 6423F5

 8654F5

 530BF5

 976DF5

 4B00F5

 A885F5

 B99EF5

 CAB6F5

 DBCFF5

 ECE7F5

 FDFFF5

 FFFFF5

Harmonies

Analogous

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



006FFF



753CF5



DA00AB

Triad

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



753CF5



B04700



00867E

Complementary

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



753CF5



BCF53C

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.



00831A



753CF5



696C00

Square

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



753CF5



E20000



007C00



0087D4

Rectangle

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



753CF5



F20071



007C00



00855F

Sweetspot

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



753CF5



D6C4FF



3CBDF5



675C80



000000



808080

Same Dimension

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



753CF5



5E17FF



D03CF5



726E7A



3900BA



12003B

Inverse Universe

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



F53CBC



FF17B8



61F53C



7A6E77



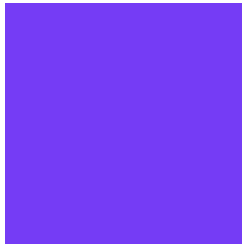
BA0081



3B0029

Previews

White Background



This preview shows how the Hex color 753CF5 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

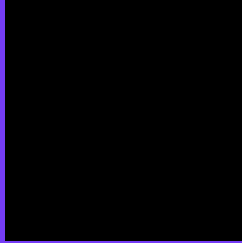
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 753CF5 Background



This preview shows how black text looks on a background with the Hex color 753CF5.

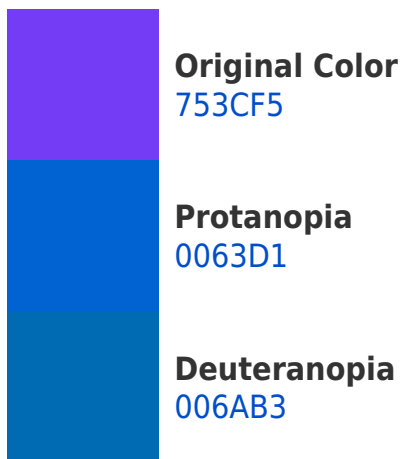



This preview shows how white text looks on a background with the Hex color 753CF5.

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](#).

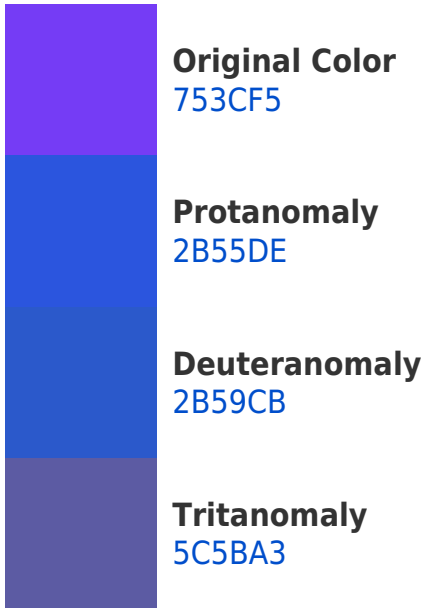
Dichromacy



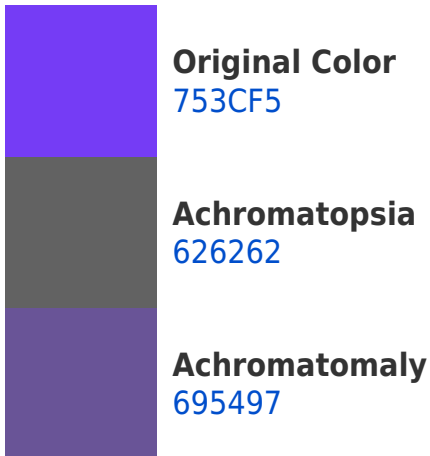


Tritanopia
4D6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 753CF5 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 #753CF5 looks like.

```
.text, #text, p{  
    color:#753CF5  
}
```

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 #753CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753CF5  
}
```

Border

The CSS property to change the border of an element to Hex 753CF5 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  
#753CF5 }
```

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

```
.border{ border-color:#753CF5 }
```

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

Here you see how a box with a 4 pixel #753CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753CF5; -webkit-box-shadow:4px 4px  
4px 4px #753CF5; box-shadow:4px 4px 4px  
4px #753CF5 }
```

Background

The CSS property to change the background color of an element to Hex 753CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753CF5 }
```

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

```
.background{ background-color:#753CF5 }
```

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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