

Converting Colors

Hex(738CF5)

Have a look what the booklet for
Hex(738CF5) contains.

Hex(738CF5)	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(738CF5)

Conversions

Conversions Part 1

Format	Color
Hex	738CF5
RGB	115, 140, 245
RGB Percent	45%, 55%, 96%
CMY	0.5490, 0.4510, 0.0392
CMYK	0.53, 0.43, 0.00, 0.04
HSL	228°, 87%, 71%
HSV	228°, 53%, 96%
XYZ	32.9297, 28.9936, 90.2469
YIQ	144.4950, -48.6050, 27.3550

Conversions

Conversions Part 2

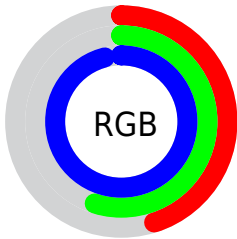
Format	Color
R _{YB}	115, 136, 245
Decimal	7572725
CIE Lab	60.78, 20.24, -55.50
CIE LCh	61, 59.072, 290.039
Yxy	28.9936, 0.2164, 0.1905
Android (android.graphics.Color)	4285762805 (0xFF738CF5)
YUV	144.4950, 49.5490, -25.8671
Hunter-Lab	53.8457, 14.9331, -61.6798

Details

The Hex color **738CF5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5DC73**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AEC1FF**, and **335ABC** is the 20% darker color. If you saturate the color by 10%, you get **5B78F5**, and if you desaturate by 10%, it is **8CA0F5**.

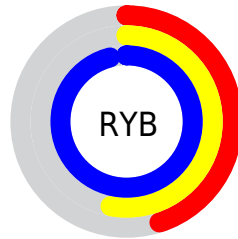
Distribution



Red (45%)

Green (55%)

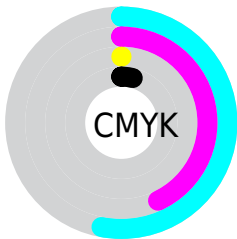
Blue (96%)



Red (45%)

Yellow (53%)

Blue (96%)

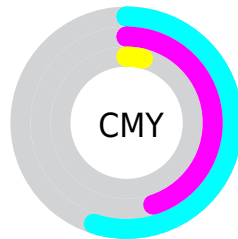


Cyan (53%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738CF5 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 738CF5 by changing the saturation by 10% instead.

 738CF5

 738CF5

FFFFFF

 5573D8

 AEC1FF

 335ABC

 CCDDFF

 0043A1

 EAFAFF

 002E86

 001A6C

 000053

 00063B

 000224

 00000C

 738CF5

 738CF5

 5B78F5


 8CA0F5

 4264F5

 A4B4F5

 2A51F5

 BDC7F5

 113DF5

 D5DBF5

 002FF5

 EEEFF5

 FFFFF5

Harmonies

Analogous

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



009EF9



738CF5



C175D6

Triad

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



738CF5



E07544



00AB7F

Complementary

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



738CF5



F5DC73

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.



4CA54C



738CF5



BC8A23

Square

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



738CF5



F16472



8C9B25



00ACB5

Rectangle

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



738CF5



DF68B7



8C9B25



00A96D

Sweetspot

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



738CF5



D6DEFF



73F5DB



676C80



000000



808080

Same Dimension

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



738CF5



5C7BFF



9A73F5



6E717A



0024BA



000B3B

Inverse Universe

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



F5738C



FF5C7B



CEF573



7A6E71



BA0024



3B000B

Previews

White Background



This preview shows how the Hex color 738CF5 looks on a white background.

Color Contrast Check

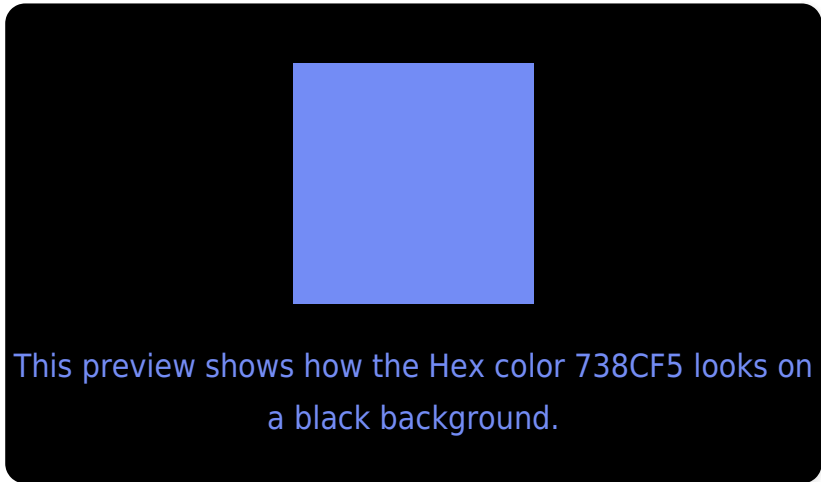
Large Text (above 18pt) WCAG AA ✓ Pass

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

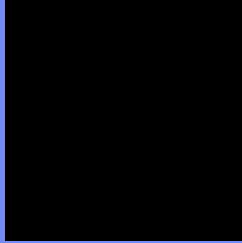
Any Text WCAG AA ✓ Pass

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 738CF5 Background



This preview shows how black text looks on a background with the Hex color 738CF5.



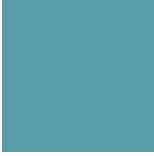
This preview shows how white text looks on a background with the Hex color 738CF5.

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](#).

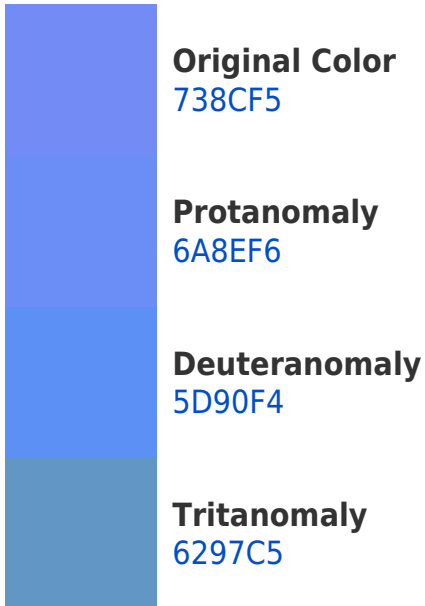
Dichromacy



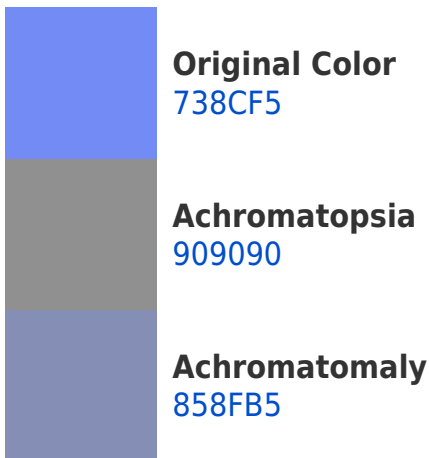


Tritanopia
599DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 738CF5 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 #738CF5 looks like.

```
.text, #text, p{  
    color:#738CF5  
}
```

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 #738CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738CF5
}
```

Border

The CSS property to change the border of an element to Hex 738CF5 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
#738CF5 }
```

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

```
.border{ border-color:#738CF5 }
```

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

Here you see how a box with a 4 pixel #738CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738CF5; -webkit-box-shadow:4px 4px  
4px 4px #738CF5; box-shadow:4px 4px 4px  
4px #738CF5 }
```

Background

The CSS property to change the background color of an element to Hex 738CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738CF5 }
```

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

```
.background{ background-color:#738CF5 }
```

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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