

Converting Colors

Hex(758DDD)

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

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Color

Hex(758DDD)

Conversions

Conversions Part 1

Format	Color
Hex	758DDD
RGB	117, 141, 221
RGB Percent	46%, 55%, 87%
CMY	0.5412, 0.4471, 0.1333
CMYK	0.47, 0.36, 0.00, 0.13
HSL	226°, 60%, 66%
HSV	226°, 47%, 87%
XYZ	29.9121, 28.0521, 72.2447
YIQ	142.9440, -39.9840, 19.7920

Conversions

Conversions Part 2

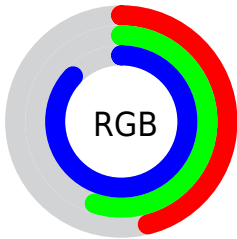
Format	Color
R _{YB}	117, 137, 221
Decimal	7704029
CIE _{Lab}	59.94, 12.79, -43.52
CIE _{LCh}	60, 45.357, 286.379
Yxy	28.0521, 0.2297, 0.2154
Android (android.graphics.Color)	4285894109 (0xFF758DDD)
YUV	142.9440, 38.4816, -22.7529
Hunter-Lab	52.9643, 8.1224, -43.7982

Details

The Hex color **758DDD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DDC575**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AEC2FF**, and **3C5BA5** is the 20% darker color. If you saturate the color by 10%, you get **5F7CDD**, and if you desaturate by 10%, it is **8B9EDD**.

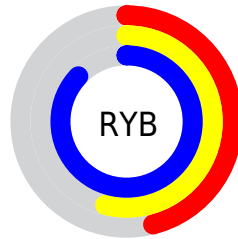
Distribution



Red (46%)

Green (55%)

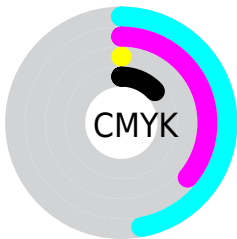
Blue (87%)



Red (46%)

Yellow (54%)

Blue (87%)

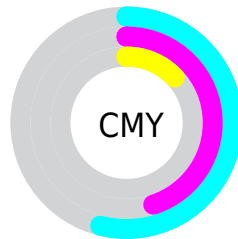


Cyan (47%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (45%)

Yellow (13%)

Brightness & Saturation Gradients

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

 758DDD

 758DDD

FFFFFF

 5974C1

 AEC2FF

 3C5BA5

 CADEFF

 19448B

 E8FBFF

 002E71

 001A58

 000040

 000329

 000113

 000000

 758DDD

 758DDD

 5F7CDD

 8B9EDD

 496BDD

 A1AFDD

 335ADD

 B7C0DD

 1D49DD

 CDD1DD

 0738DD

 E3E2DD

 0033DD

 FAF3DD

 FFFFDD

Harmonies

Analogous

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



009ADE



758DDD



AF7DC8

Triad

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



758DDD



D17958



1BA37C

Complementary

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



758DDD



DDC575

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.



659E57



758DDD



B78841

Square

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



758DDD



DC6F7C



939540



00A5A6

Rectangle

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



758DDD



C874B1



939540



3DA26F

Sweetspot

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



758DDD



DBE4FF



75DDC5



6A6F80



000000



808080

Same Dimension

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



758DDD



7091FF



9175DD



63656E



0028AD



000B2E

Inverse Universe

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



DD758D



FF7091



C1DD75



6E6365



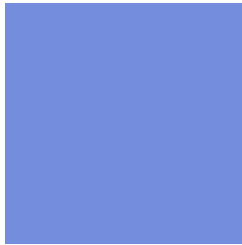
AD0028



2E000B

Previews

White Background



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

Color Contrast Check

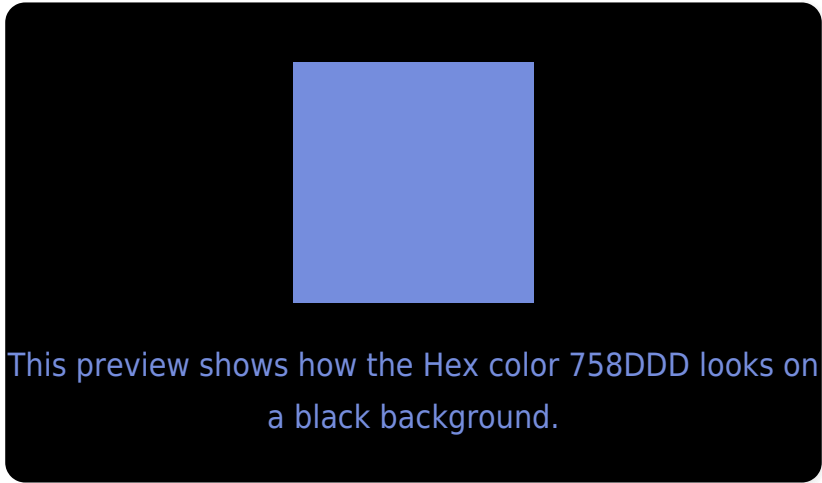
Large Text (above 18pt) WCAG AA ✓ Pass

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 758DDD Background



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



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

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

758DDD

Protanopia

738DDD

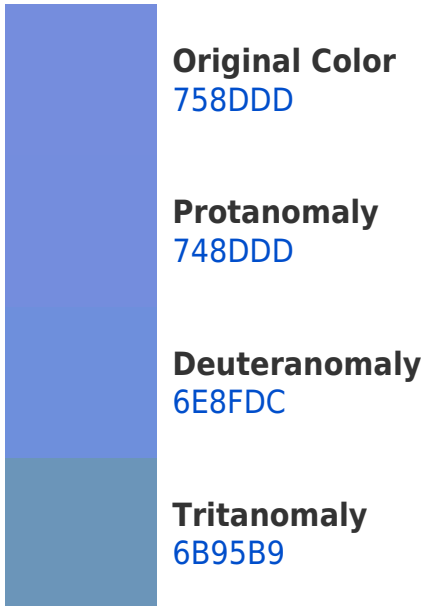
Deuteranopia

6A90DC

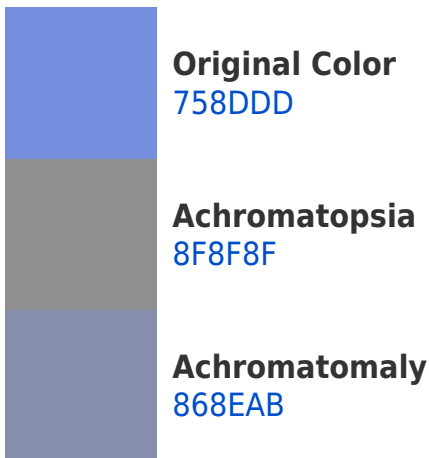


Tritanopia
6599A5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #758DDD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 758DDD 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
#758DDD }
```

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

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

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

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

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

Background

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

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

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

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

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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