

Converting Colors

Hex(659DDD)

Have a look what the booklet for
Hex(659DDD) contains.

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Color

Hex(659DDD)

Conversions

Conversions Part 1

Format	Color
Hex	659DDD
RGB	101, 157, 221
RGB Percent	40%, 62%, 87%
CMY	0.6039, 0.3843, 0.1333
CMYK	0.54, 0.29, 0.00, 0.13
HSL	212°, 64%, 63%
HSV	212°, 54%, 87%
XYZ	30.4749, 32.1011, 72.9965
YIQ	147.5520, -53.9200, 8.0320

Conversions

Conversions Part 2

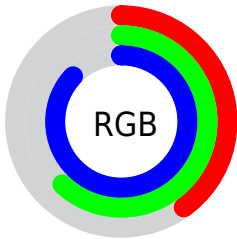
Format	Color
R_{YB}	101, 139, 221
Decimal	6659549
CIE _{Lab}	63.43, -0.14, -38.10
CIE _{LCh}	63, 38.101, 269.796
Yxy	32.1011, 0.2248, 0.2368
Android (android.graphics.Color)	4284849629 (0xFF659DDD)
YUV	147.5520, 36.2099, -40.8261
Hunter-Lab	56.6578, -3.1402, -36.7273

Details

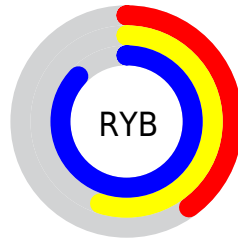
The Hex color **659DDD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DDA565**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9FD3FF**, and **256AA6** is the 20% darker color. If you saturate the color by 10%, you get **4F91DD**, and if you desaturate by 10%, it is **7BA9DD**.

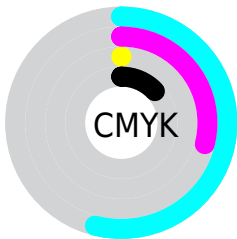
Distribution



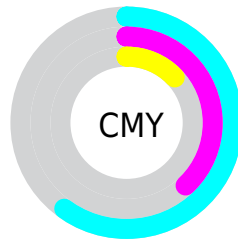
- Red (40%)
- Green (62%)
- Blue (87%)



- Red (40%)
- Yellow (55%)
- Blue (87%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 659DDD 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 659DDD by changing the saturation by 10% instead.

 659DDD

 659DDD

FFFFFF

 4783C1


 9FD3FF

 256AA6

 BCF0FF

 00528B

 D9FFFF

 003B71

 F7FFFF

 002658

 001141

 00032A

 000114

 000000

■ 659DDD

■ 659DDD

■ 4F91DD

■ 7BA9DD

■ 3985DD

■ 91B5DD

■ 237ADD

■ A7C0DD

■ 0D6EDD

■ BDCCDD

■ 0067DD

■ D3D8DD

■ EAE4DD

■ FFF0DD

■ FFFBDD

■ FFFFDD

Harmonies

Analogous

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



11A6D3



659DDD



9D91D4

Triad

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



659DDD



DA827A



63A876

Complementary

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



659DDD



DDA565

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.



8CA25D



659DDD



CB8C60

Square

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



659DDD



D87F9B



AF9755



2EAB98

Rectangle

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



659DDD



B989C6



AF9755



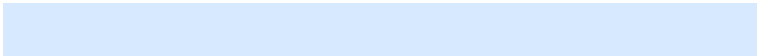
72A66D

Sweetspot

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



659DDD



D6E9FF



65DDA5



677380



000000



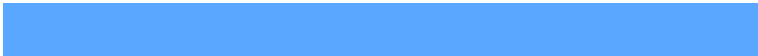
808080

Same Dimension

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



659DDD



59A7FF



6965DD



63686E



0051AD



00152E

Inverse Universe

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



DD659D



FF59A7



D9DD65



6E6368



AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 659DDD looks on a white background.

Color Contrast Check

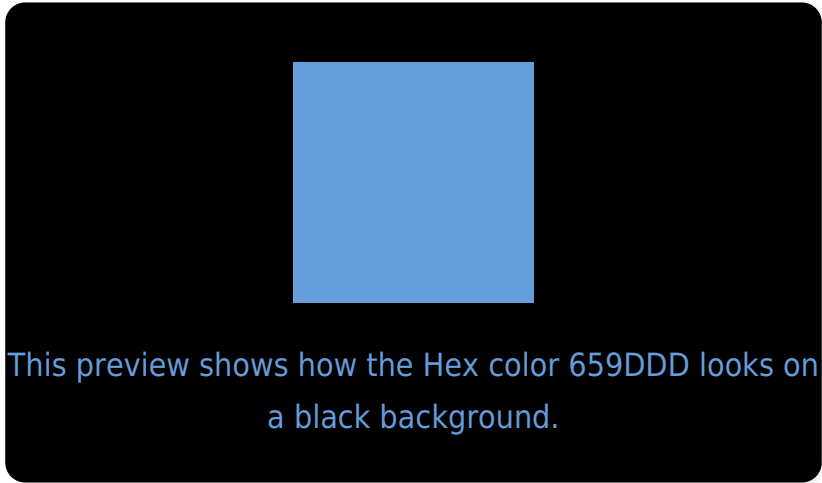
Large Text (above 18pt) WCAG AA × Fail

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

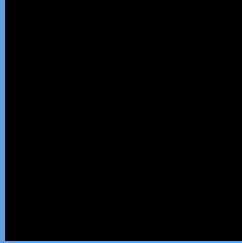
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

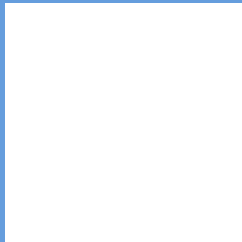
Any Text WCAG AAA ✓ Pass

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

Hex 659DDD Background



This preview shows how black text looks on a background with the Hex color 659DDD.

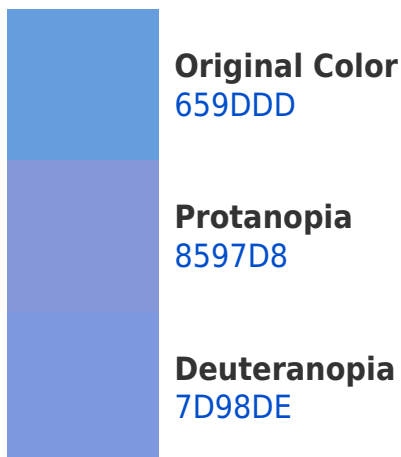


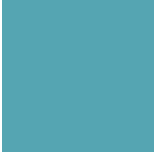
This preview shows how white text looks on a background with the Hex color 659DDD.

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](#).

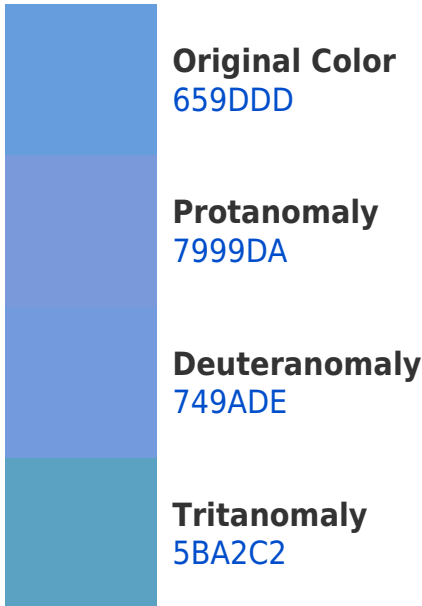
Dichromacy



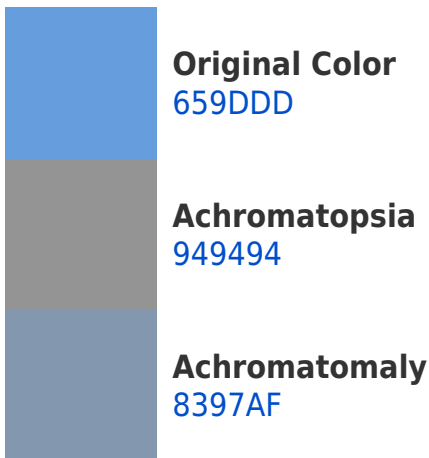


Tritanopia
55A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 659DDD 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 #659DDD looks like.

```
.text, #text, p{  
    color:#659DDD  
}
```

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 #659DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659DDD
}
```

Border

The CSS property to change the border of an element to Hex 659DDD 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
#659DDD }
```

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

```
.border{ border-color:#659DDD }
```

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

Here you see how a box with a 4 pixel #659DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659DDD; -webkit-box-shadow:4px 4px  
4px 4px #659DDD; box-shadow:4px 4px 4px  
4px #659DDD }
```

Background

The CSS property to change the background color of an element to Hex 659DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659DDD }
```

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

```
.background{ background-color:#659DDD }
```

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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