

Converting Colors

Hex(659BD4)

Have a look what the booklet for
Hex(659BD4) contains.

Hex(659BD4)	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(659BD4)

Conversions

Conversions Part 1

Format	Color
Hex	659BD4
RGB	101, 155, 212
RGB Percent	40%, 61%, 83%
CMY	0.6039, 0.3922, 0.1686
CMYK	0.52, 0.27, 0.00, 0.17
HSL	211°, 56%, 61%
HSV	211°, 52%, 83%
XYZ	28.9718, 30.9629, 66.7368
YIQ	145.3520, -50.4810, 6.2790

Conversions

Conversions Part 2

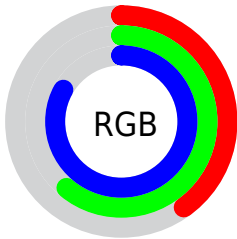
Format	Color
RYB	101, 137, 212
Decimal	6659028
CIELab	62.48, -1.76, -34.59
CIElCh	62, 34.630, 267.084
Yxy	30.9629, 0.2287, 0.2444
Android (android.graphics.Color)	4284849108 (0xFF659BD4)
YUV	145.3520, 32.8575, -38.8967
Hunter-Lab	55.6443, -4.4394, -32.1583

Details

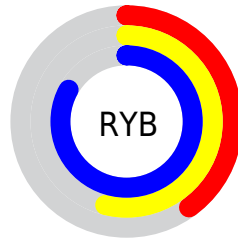
The Hex color **659BD4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D49E65**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9ED1FF**, and **28689D** is the 20% darker color. If you saturate the color by 10%, you get **5090D4**, and if you desaturate by 10%, it is **7AA6D4**.

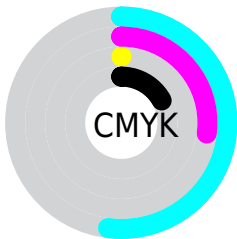
Distribution



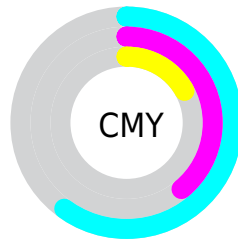
- Red (40%)
- Green (61%)
- Blue (83%)



- Red (40%)
- Yellow (54%)
- Blue (83%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 659BD4 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 659BD4 by changing the saturation by 10% instead.

■ 659BD4

■ 659BD4

FFFFFF

■ 4881B8

■ 9ED1FF

■ 28689D

■ BBEDFF

■ 005083

■ D8FFFF

■ 003A69

■ F5FFFF

■ 002451

■ 000F3A

■ 000223

■ 00000B

■ 000000

 659BD4

 659BD4

 5090D4

 7AA6D4

 3B85D4

 8FB1D4

 257AD4

 A5BCD4

 106FD4

 BAC7D4

 0067D4

 CFD1D4

 E4DCD4

 F9E7D4

 FFF2D4

 FFFDD4

Harmonies

Analogous

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



2DA3CA



659BD4



9690CE

Triad

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



659BD4



D2817D



6AA475

Complementary

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



659BD4



D49E65

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.



8F9E5F



659BD4



C68964

Square

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



659BD4



CF7F9B



AE9459



41A793

Rectangle

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



659BD4



B089C1



AE9459



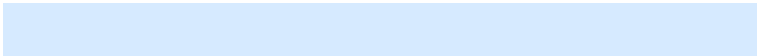
77A26C

Sweetspot

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



659BD4



D6EAFB



65D49D



677380



000000



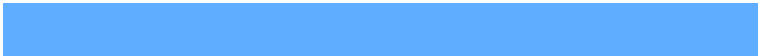
808080

Same Dimension

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



659BD4



5EADFF



6565D4



60666B



0053AB



00152B

Inverse Universe

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



D4659B



FF5EAD



D4D465



6B6066



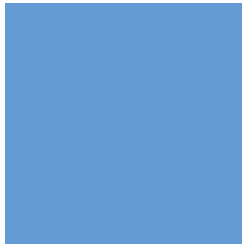
AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 659BD4 looks on a white background.

Color Contrast Check

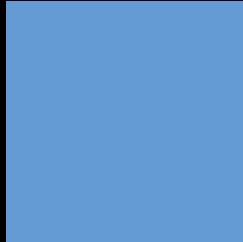
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 659BD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

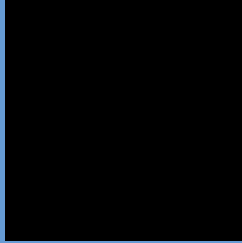
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

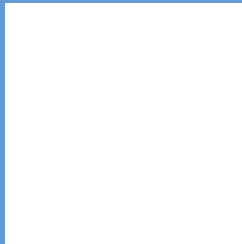
Any Text WCAG AAA ✓ Pass

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

Hex 659BD4 Background



This preview shows how black text looks on a background with the Hex color 659BD4.

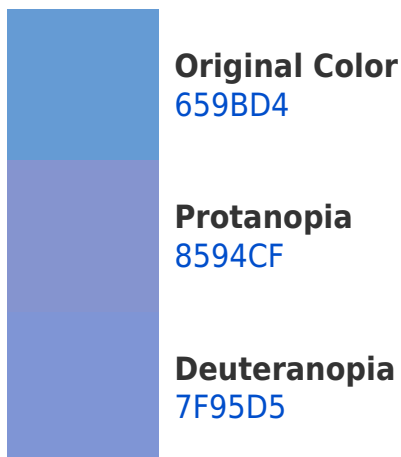


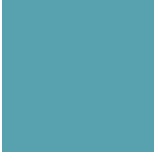
This preview shows how white text looks on a background with the Hex color 659BD4.

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](#).

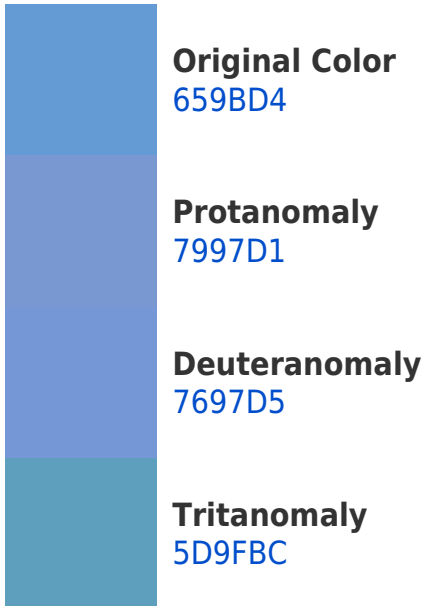
Dichromacy



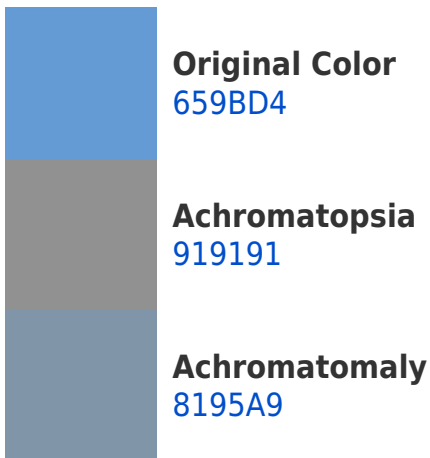


Tritanopia
58A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 659BD4 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 #659BD4 looks like.

```
.text, #text, p{  
    color:#659BD4  
}
```

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 #659BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659BD4
}
```

Border

The CSS property to change the border of an element to Hex 659BD4 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
#659BD4 }
```

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

```
.border{ border-color:#659BD4 }
```

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

Here you see how a box with a 4 pixel #659BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659BD4; -webkit-box-shadow:4px 4px  
4px 4px #659BD4; box-shadow:4px 4px 4px  
4px #659BD4 }
```

Background

The CSS property to change the background color of an element to Hex 659BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659BD4 }
```

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

```
.background{ background-color:#659BD4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor