

# Converting Colors

Hex(659CCB)

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

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# **Color**

**Hex(659CCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	659CCB
RGB	101, 156, 203
RGB Percent	40%, 61%, 80%
CMY	0.6039, 0.3882, 0.2039
CMYK	0.50, 0.23, 0.00, 0.20
HSL	208°, 50%, 60%
HSV	208°, 50%, 80%
XYZ	28.0348, 30.8554, 60.9780
YIQ	144.9130, -47.8670, 2.9570

# Conversions

## Conversions Part 2

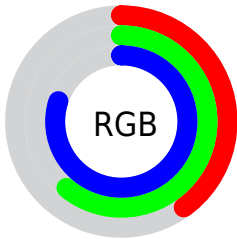
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 137, 203</a>
Decimal	<a href="#">6659275</a>
CIELab	<a href="#">62.39, -5.04, -29.71</a>
CIELCh	<a href="#">62, 30.131, 260.375</a>
Yxy	<a href="#">30.8554, 0.2339, 0.2574</a>
Android (android.graphics.Color)	<a href="#">4284849355 (0xFF659CCB)</a>
YUV	<a href="#">144.9130, 28.6369, -38.5117</a>
Hunter-Lab	<a href="#">55.5477, -7.1199, -26.2028</a>

# Details

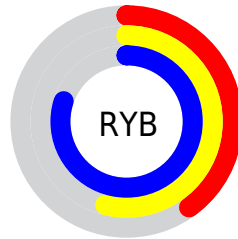
The Hex color **659CCB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB9465**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DD2FF**, and **2A6995** is the 20% darker color. If you saturate the color by 10%, you get **5193CB**, and if you desaturate by 10%, it is **79A5CB**.

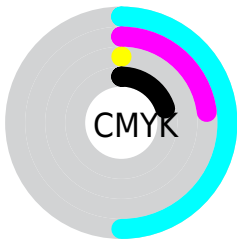
# Distribution



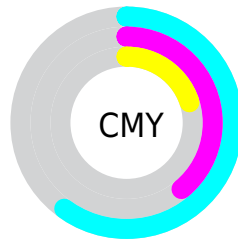
- Red (40%)
- Green (61%)
- Blue (80%)



- Red (40%)
- Yellow (54%)
- Blue (80%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (39%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 659CCB

■ 659CCB

FFFFFF

■ 4982AF

■ 9DD2FF

■ 2A6995

■ BAEFFF

■ 00517B

■ D7FFFF

■ 003A62

■ F4FFFF

■ 00254A

■ 001033

■ 00021D

■ 000000

■ 659CCB

■ 659CCB

■ 5193CB

■ 79A5CB

■ 3C89CB

■ 8EAFCB

■ 2880CB

■ A2B8CB

■ 1477CB

■ B6C1CB

■ 006DCB

■ CBCBCB

■ DFD4CB

■ F3DDCB

■ FFE7CB

■ FFF0CB

# Harmonies

## Analogous

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



41A2BF



659CCB



8E93C9

# Triad

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



659CCB



CC8386



78A174

# Complementary

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



659CCB



CB9465

# 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.



979B64



659CCB



C4896F

# Square

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



659CCB



C683A1



B19262



58A58D

# Rectangle

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



659CCB



A68DC0



B19262



829F6D

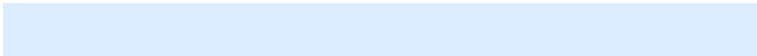


# Sweetspot

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



659CCB



D9EDFF



65CB93



697580



000000



808080

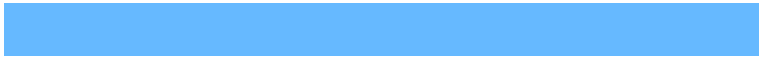


# Same Dimension

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



659CCB



66B9FF



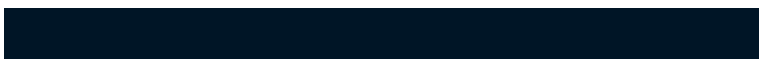
656ACB



5C6166



0059A6



001526



# Inverse Universe

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



CB659C



FF66B8



CBC665



665C61



A60059



260015



# Previews

## White Background



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

## Color Contrast Check

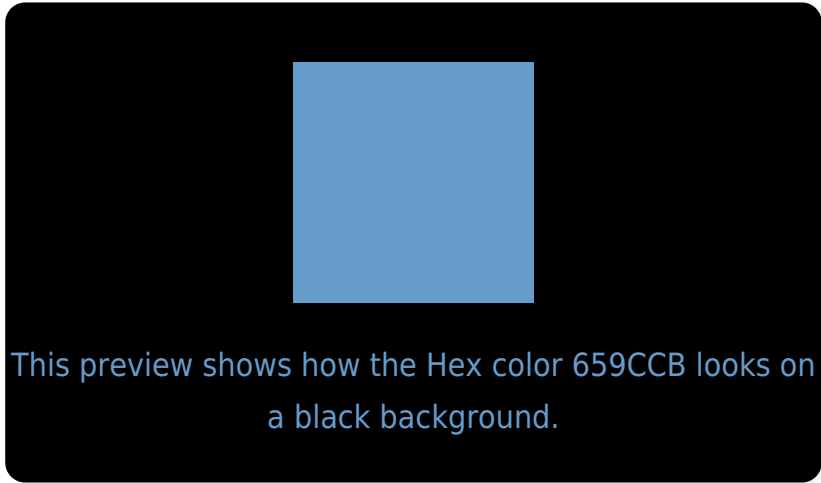
Large Text (above 18pt) WCAG AA × Fail

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

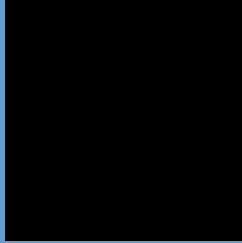
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

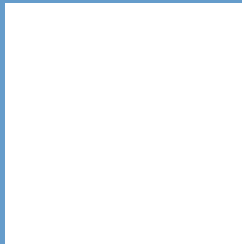
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 659CCB Background



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

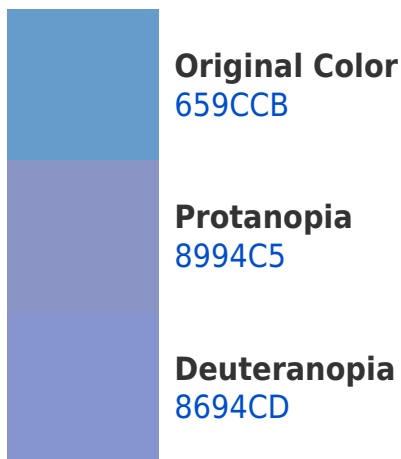


This preview shows how white text looks on a background with the Hex color 659CCB.

# Color Blindness Simulation

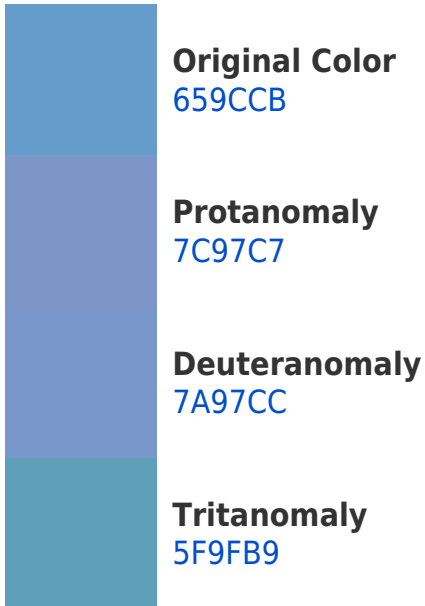
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

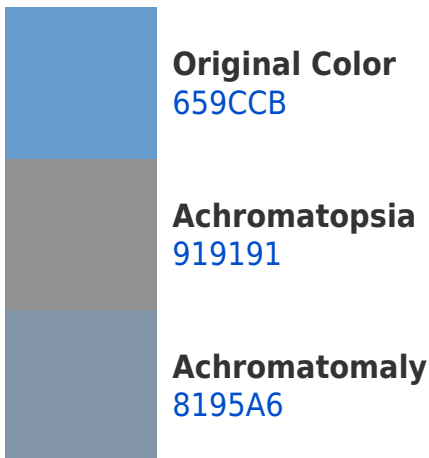




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #659CCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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