

# Converting Colors

Hex(6591C2)

Have a look what the booklet for  
Hex(6591C2) contains.

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# **Color**

**Hex(6591C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6591C2
RGB	101, 145, 194
RGB Percent	40%, 57%, 76%
CMY	0.6039, 0.4314, 0.2392
CMYK	0.48, 0.25, 0.00, 0.24
HSL	212°, 43%, 58%
HSV	212°, 48%, 76%
XYZ	25.2298, 26.9125, 54.9038
YIQ	137.4300, -41.9530, 5.9110

# Conversions

## Conversions Part 2

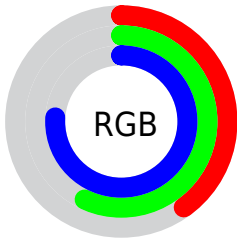
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 131, 194
Decimal	6656450
CIE <sub>Lab</sub>	58.89, -1.48, -30.06
CIE <sub>LCh</sub>	59, 30.098, 267.185
Y <sub>xy</sub>	26.9125, 0.2357, 0.2514
Android (android.graphics.Color)	4284846530 (0xFF6591C2)
YUV	137.4300, 27.8890, -31.9491
Hunter-Lab	51.8773, -3.9742, -26.4349

# Details

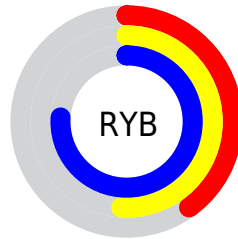
The Hex color **6591C2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C29665**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9CC7FB**, and **2D5F8C** is the 20% darker color. If you saturate the color by 10%, you get **5287C2**, and if you desaturate by 10%, it is **789BC2**.

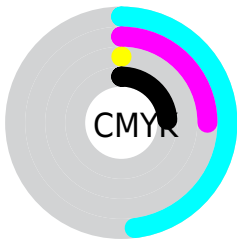
# Distribution



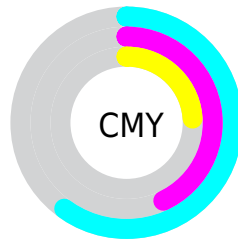
- Red (40%)
- Green (57%)
- Blue (76%)



- Red (40%)
- Yellow (51%)
- Blue (76%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (43%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6591C2 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 6591C2 by changing the saturation by 10% instead.





6591C2



6591C2

FFFFFF



4977A7



9CC7FB



2D5F8C



B8E3FF



044772



D5FFFF



00315A



F2FFFF



001D42



00032C



000116



000000



6591C2



6591C2

■ 5287C2

■ 789BC2

■ 3E7DC2

■ 8CA5C2

■ 2B72C2

■ 9FB0C2

■ 1768C2

■ B3BAC2

■ 045EC2

■ C6C4C2

■ 005CC2

■ D9CEC2

■ EDD9C2

■ FFE3C2

■ FFEDC2

# Harmonies

## Analogous

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



3D98B9



6591C2



8E88BD

# Triad

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



6591C2



C17B77



689970

# Complementary

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



6591C2



C29665

# 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.



87935E



6591C2



B78262

# Square

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



6591C2



BE7A91



A28B59



479C8A

# Rectangle

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



6591C2



A482B2



A28B59



729769

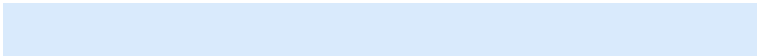


# Sweetspot

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



6591C2



D9EAFD



65C295



6A7480



000000



808080



# Same Dimension

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



6591C2



6AAFFC



6765C2



575C61



004CA1



001021



# Inverse Universe

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



C26591



FC6AAF



C0C265



61575C



A1004C



210010



# Previews

## White Background



This preview shows how the Hex color 6591C2 looks on a white background.

## Color Contrast Check

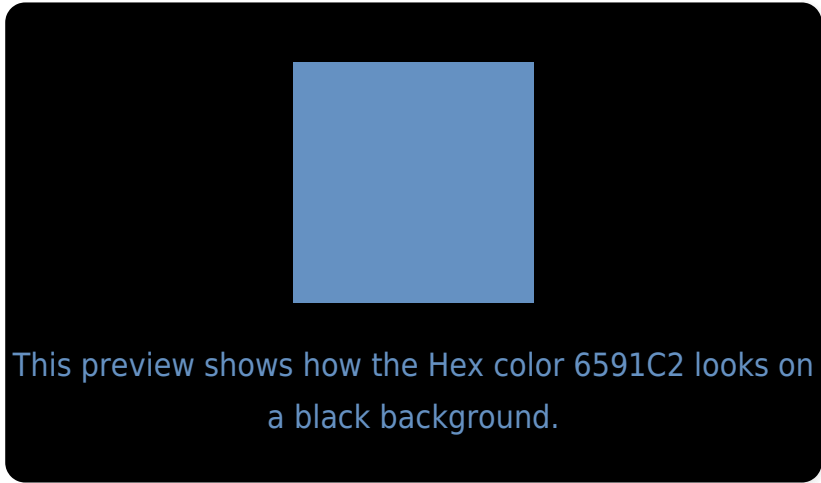
Large Text (above 18pt) WCAG AA ✓ Pass

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

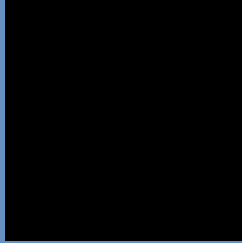
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

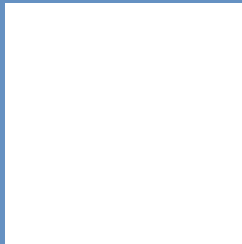
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6591C2 Background



This preview shows how black text looks on a background with the Hex color 6591C2.

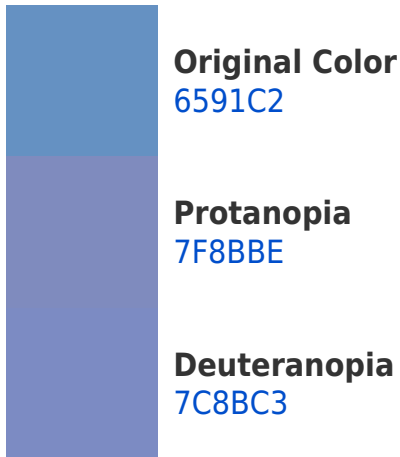


This preview shows how white text looks on a background with the Hex color 6591C2.

# 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](#).

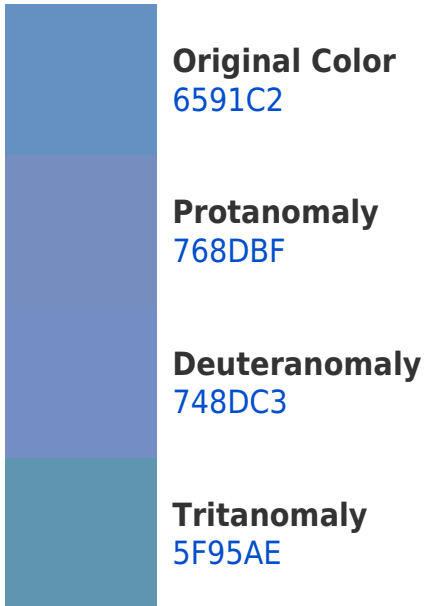
## Dichromacy



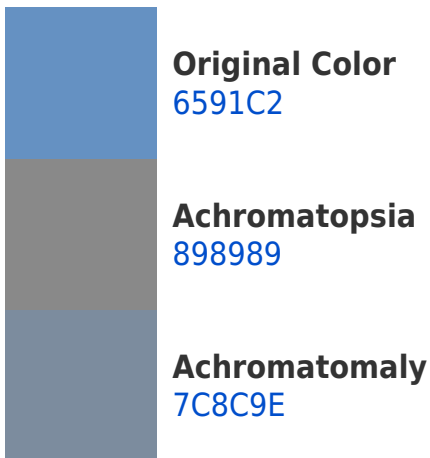


**Tritanopia**  
5B97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6591C2 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 #6591C2 looks like.

```
.text, #text, p{  
    color:#6591C2  
}
```

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 #6591C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6591C2
}
```

## Border

The CSS property to change the border of an element to Hex 6591C2 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
#6591C2 }
```

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

```
.border{ border-color:#6591C2 }
```

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

Here you see how a box with a 4 pixel #6591C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6591C2; -webkit-box-shadow:4px 4px  
4px 4px #6591C2; box-shadow:4px 4px 4px  
4px #6591C2 }
```

# Background

The CSS property to change the background color of an element to Hex 6591C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6591C2 }
```

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

```
.background{ background-color:#6591C2 }
```

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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