

# Converting Colors

Hex(5791CA)

Have a look what the booklet for  
Hex(5791CA) contains.

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# Color

**Hex(5791CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5791CA
RGB	87, 145, 202
RGB Percent	34%, 57%, 79%
CMY	0.6588, 0.4314, 0.2078
CMYK	0.57, 0.28, 0.00, 0.21
HSL	210°, 52%, 57%
HSV	210°, 57%, 79%
XYZ	24.7165, 26.5413, 59.6974
YIQ	134.1560, -52.8650, 5.4310

# Conversions

## Conversions Part 2

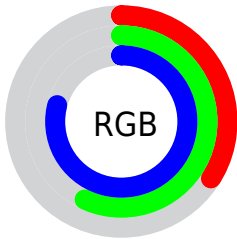
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 126, 202
Decimal	5738954
CIE Lab	58.55, -2.18, -35.16
CIE LCh	59, 35.230, 266.451
Yxy	26.5413, 0.2228, 0.2392
Android (android.graphics.Color)	4283929034 (0xFF5791CA)
YUV	134.1560, 33.4471, -41.3558
Hunter-Lab	51.5183, -4.5193, -32.6402

# Details

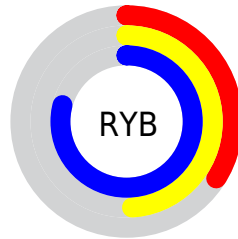
The Hex color **5791CA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CA9057**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **90C7FF**, and **105F94** is the 20% darker color. If you saturate the color by 10%, you get **4387CA**, and if you desaturate by 10%, it is **6B9BCA**.

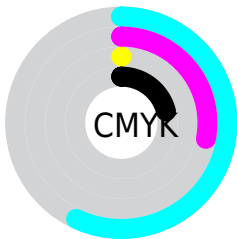
# Distribution



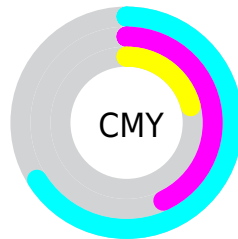
- Red (34%)
- Green (57%)
- Blue (79%)



- Red (34%)
- Yellow (49%)
- Blue (79%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (43%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5791CA 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 5791CA by changing the saturation by 10% instead.



■ 5791CA

■ 5791CA

FFFFFF

■ 3977AE

■ 90C7FF

■ 105F94

■ ADE3FF

■ 00477A

■ CAFFFF

■ 003160

■ E8FFFF

■ 001D48

■ 000432

■ 00011C

■ 000000

■ 5791CA

■ 5791CA

■ 4387CA

■ 6B9BCA

■ 2F7DCA

■ 7FA5CA

■ 1A73CA

■ 94AFCA

■ 0669CA

■ A8B9CA

■ 0066CA

■ BCC3CA

■ D0CDCA

■ E4D7CA

■ F9E1CA

■ FFEBCA

# Harmonies

## Analogous

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



0999BF



5791CA



8B86C4

# Triad

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



5791CA



C87673



609A6A

# Complementary

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



5791CA



CA9057

# 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.



859354



5791CA



BC7F5A

# Square

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



5791CA



C57592



A48A4F



339D88

# Rectangle

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



5791CA



A57FB8



A48A4F



6D9861

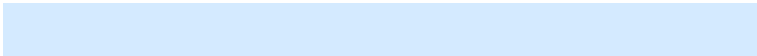


# Sweetspot

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



5791CA



D4EAFF



57CA8F



667380



000000



808080



# Same Dimension

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



5791CA



52A9FF



5759CA



5C6166



0054A6



001326



# Inverse Universe

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



CA5791



FF52A9



CAC857



665C61



A60054



260013



# Previews

## White Background



This preview shows how the Hex color 5791CA looks on a white background.

## Color Contrast Check

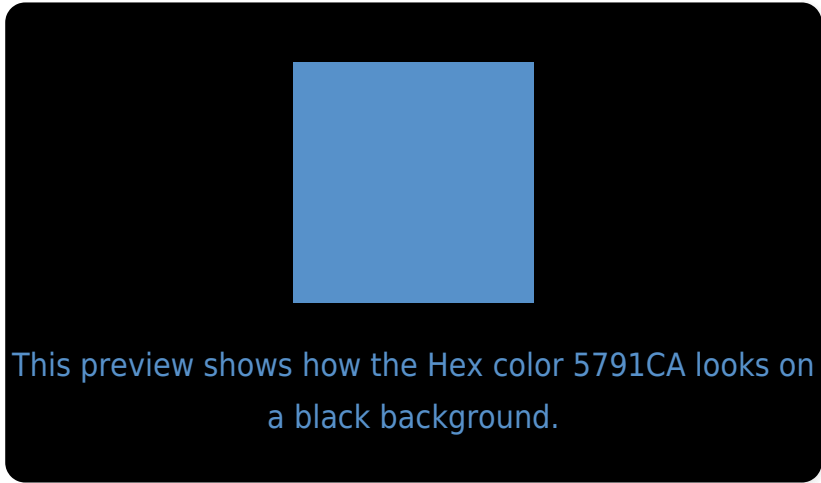
Large Text (above 18pt) WCAG AA ✓ Pass

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

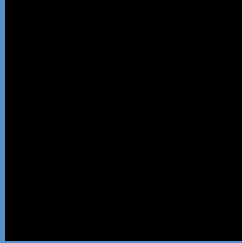
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5791CA Background



This preview shows how black text looks on a background with the Hex color 5791CA.

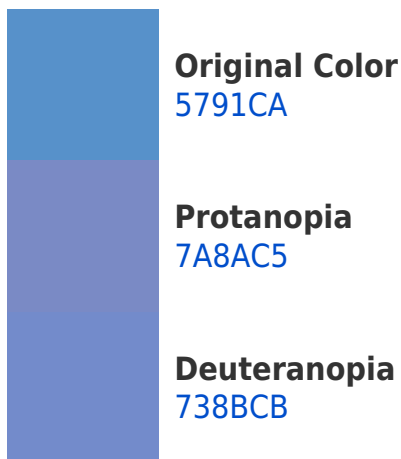


This preview shows how white text looks on a background with the Hex color 5791CA.

# 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](#).

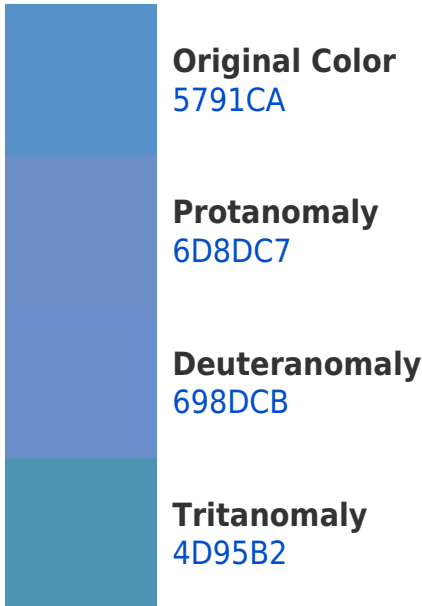
## Dichromacy



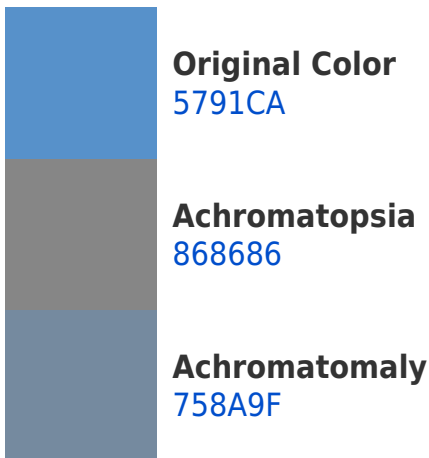


**Tritanopia**  
4898A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5791CA 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 #5791CA looks like.

```
.text, #text, p{  
    color:#5791CA  
}
```

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 #5791CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5791CA
}
```

## Border

The CSS property to change the border of an element to Hex 5791CA 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
#5791CA }
```

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

```
.border{ border-color:#5791CA }
```

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

Here you see how a box with a 4 pixel #5791CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5791CA; -webkit-box-shadow:4px 4px  
4px 4px #5791CA; box-shadow:4px 4px 4px  
4px #5791CA }
```

# Background

The CSS property to change the background color of an element to Hex 5791CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5791CA }
```

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

```
.background{ background-color:#5791CA }
```

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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