

# Converting Colors

Hex(7195CA)

Have a look what the booklet for  
Hex(7195CA) contains.

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# **Color**

**Hex(7195CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7195CA
RGB	113, 149, 202
RGB Percent	44%, 58%, 79%
CMY	0.5569, 0.4157, 0.2078
CMYK	0.44, 0.26, 0.00, 0.21
HSL	216°, 46%, 62%
HSV	216°, 44%, 79%
XYZ	28.2182, 29.2699, 60.0395
YIQ	144.2780, -38.4690, 8.8510

# Conversions

## Conversions Part 2

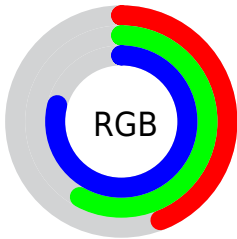
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 139, 202
Decimal	7443914
CIE <sub>Lab</sub>	61.02, 1.58, -31.21
CIE <sub>LCh</sub>	61, 31.253, 272.890
Yxy	29.2699, 0.2401, 0.2490
Android (android.graphics.Color)	4285633994 (0xFF7195CA)
YUV	144.2780, 28.4569, -27.4308
Hunter-Lab	54.1016, -1.5764, -27.9262

# Details

The Hex color **7195CA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAA671**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A8CBFF**, and **3A6394** is the 20% darker color. If you saturate the color by 10%, you get **5D89CA**, and if you desaturate by 10%, it is **85A1CA**.

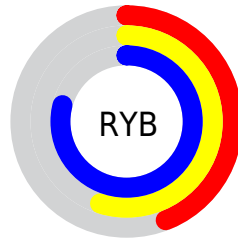
# Distribution



Red (44%)

Green (58%)

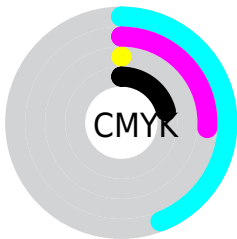
Blue (79%)



Red (44%)

Yellow (55%)

Blue (79%)

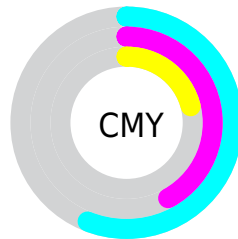


Cyan (44%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (56%)

Magenta (42%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7195CA 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 7195CA by changing the saturation by 10% instead.



■ 7195CA

■ 7195CA

FFFFFF

■ 567BAE

■ A8CBFF

■ 3A6394

■ C4E7FF

■ 1C4B7A

■ E1FFFF

■ 003561

■ 002049

■ 000632

■ 00021C

■ 000000

■ 7195CA

■ 7195CA

■ 5D89CA

■ 85A1CA

■ 497DCA

■ 99ADCA

■ 3471CA

■ AEB9CA

■ 2065CA

■ C2C5CA

■ 0C59CA

■ D6D1CA

■ 0052CA

■ EADDCA

■ FEE9CA

■ FFF5CA

■ FFFFCA

# Harmonies

## Analogous

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



459DC4



7195CA



9A8BC2

# Triad

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



7195CA



C88177



65A079

# Complementary

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



7195CA



CAA671

# 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.



869B64



7195CA



BB8963

# Square

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



7195CA



C87E92



A3925C



43A295

# Rectangle

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



7195CA



B085B5



A3925C



709E71

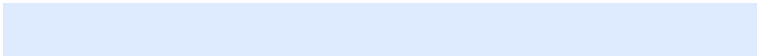


# Sweetspot

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



7195CA



DEEBFF



71CAA5



6B7380



000000



808080

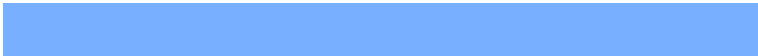


# Same Dimension

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



7195CA



78AFFF



7871CA



5C6066



0043A6



000F26



# Inverse Universe

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



CA7195



FF78AF



C3CA71



665C60



A60043

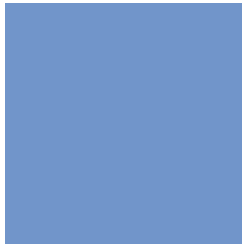


26000F



# Previews

## White Background



This preview shows how the Hex color 7195CA looks on a white background.

## Color Contrast Check

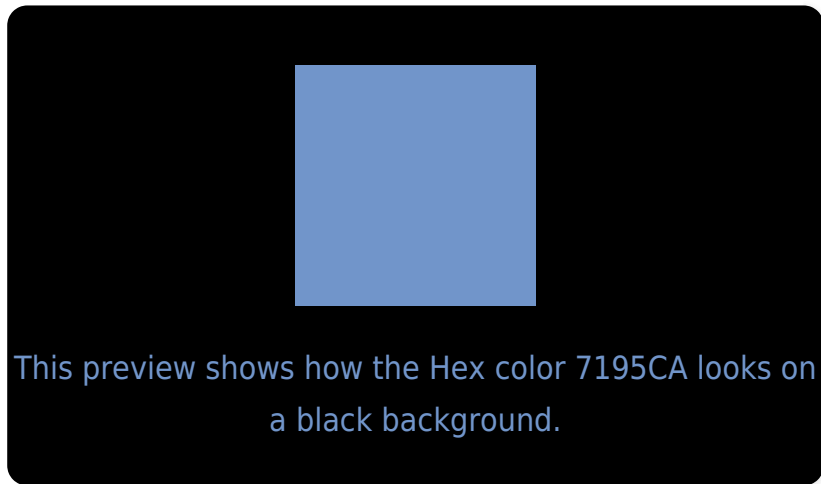
Large Text (above 18pt) WCAG AA ✓ Pass

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

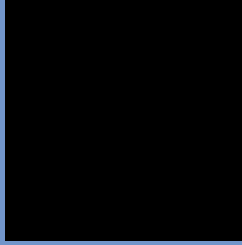
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

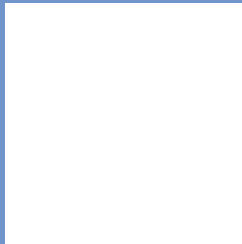
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7195CA Background



This preview shows how black text looks on a background with the Hex color 7195CA.

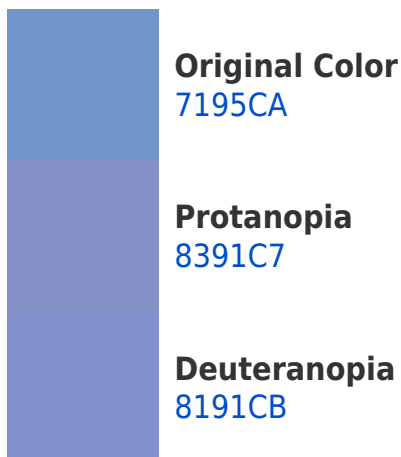


This preview shows how white text looks on a background with the Hex color 7195CA.

# 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](#).

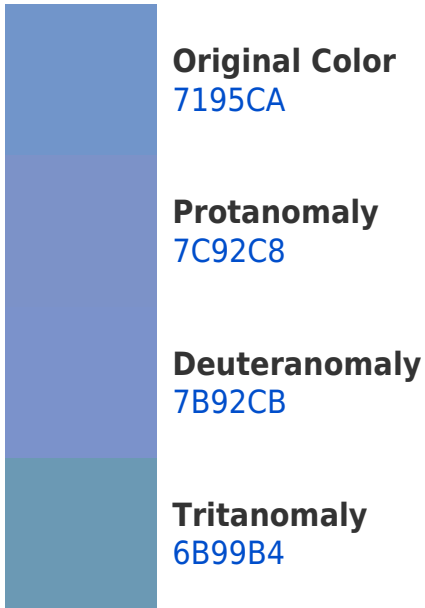
## Dichromacy



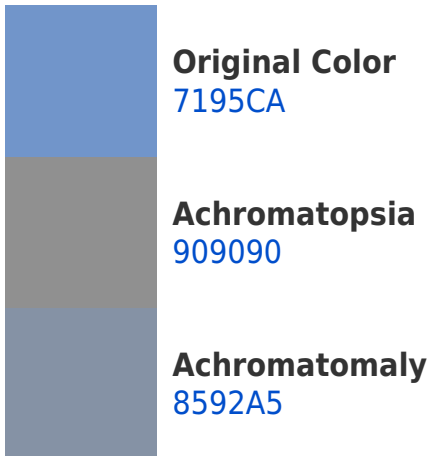


**Tritanopia**  
679BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7195CA 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 #7195CA looks like.

```
.text, #text, p{  
    color:#7195CA  
}
```

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 #7195CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7195CA
}
```

## Border

The CSS property to change the border of an element to Hex 7195CA 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
#7195CA }
```

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

```
.border{ border-color:#7195CA }
```

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

Here you see how a box with a 4 pixel #7195CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7195CA; -webkit-box-shadow:4px 4px  
4px 4px #7195CA; box-shadow:4px 4px 4px  
4px #7195CA }
```

# Background

The CSS property to change the background color of an element to Hex 7195CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7195CA }
```

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

```
.background{ background-color:#7195CA }
```

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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