

# Converting Colors

Hex(7196C7)

Have a look what the booklet for  
Hex(7196C7) contains.

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# Color

**Hex(7196C7)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7196C7
RGB	113, 150, 199
RGB Percent	44%, 59%, 78%
CMY	0.5569, 0.4118, 0.2196
CMYK	0.43, 0.25, 0.00, 0.22
HSL	214°, 43%, 61%
HSV	214°, 43%, 78%
XYZ	28.0252, 29.4469, 58.2396
YIQ	144.5230, -37.7810, 7.3950

# Conversions

## Conversions Part 2

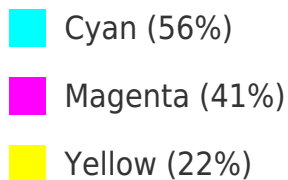
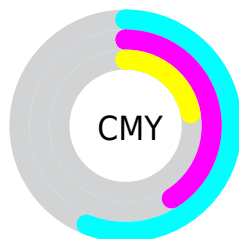
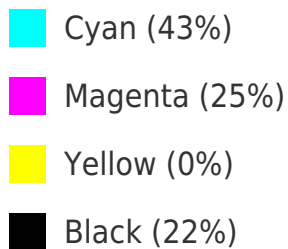
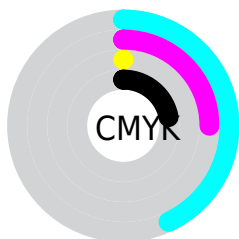
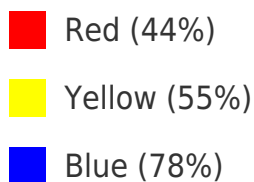
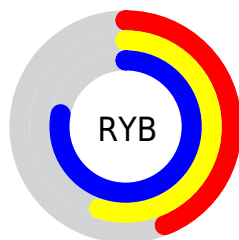
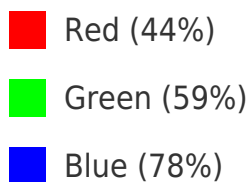
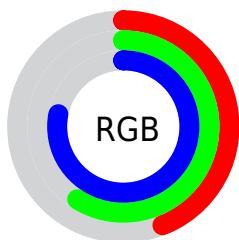
Format	Color
<a href="#">RYB</a>	<a href="#">113, 139, 199</a>
Decimal	<a href="#">7444167</a>
CIELab	<a href="#">61.17, 0.15, -29.29</a>
CIELCh	<a href="#">61, 29.291, 270.285</a>
Yxy	<a href="#">29.4469, 0.2422, 0.2545</a>
Android (android.graphics.Color)	<a href="#">4285634247</a> (0xFF7196C7)
YUV	<a href="#">144.5230, 26.8572, -27.6457</a>
Hunter-Lab	<a href="#">54.2650, -2.7774, -25.6471</a>

# Details

The Hex color **7196C7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C7A271**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A8CCFF**, and **3B6391** is the 20% darker color. If you saturate the color by 10%, you get **5D8BC7**, and if you desaturate by 10%, it is **85A1C7**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Hex color 7196C7 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 7196C7 by changing the saturation by 10% instead.



 7196C7

 7196C7

FFFFFF

 567CAC

 A8CCFF

 3B6391

 C4E8FF

 1D4C77

 E1FFFF

 00355E

FEFFFF

 002046


 000830

 00011A

 000000

 7196C7

 7196C7

 5D8BC7 85A1C7 497FC7 99ADC7 3574C7 ADB8C7 2169C7 C1C3C7 0E5DC7 D5CFC7 0056C7 E8DAC7 FCE5C7 FFF1C7 FFFCC7

# Harmonies

## Analogous

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



4B9DC0



7196C7



978DC0

# Triad

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



7196C7



C6827B



6C9F79

# Complementary

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



7196C7



C7A271

# 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.



8A9A66



7196C7



BA8967

# Square

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



7196C7



C58094



A59260



4DA293

# Rectangle

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



7196C7



AC87B5



A59260



769E72

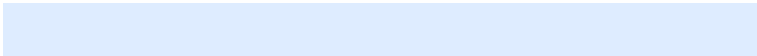


# Sweetspot

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



7196C7



DEECFF



71C7A2



6B7480



000000



808080

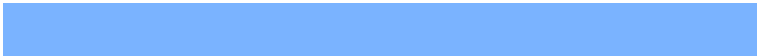


# Same Dimension

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



7196C7



7AB3FF



7771C7



5A5E63



0046A3



000F24



# Inverse Universe

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



C77196



FF7AB3



C1C771



635A5E



A30046

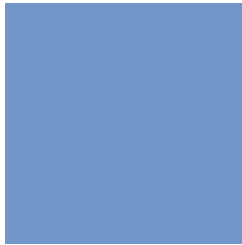


24000F



# Previews

## White Background



This preview shows how the Hex color 7196C7 looks on a white background.

## Color Contrast Check

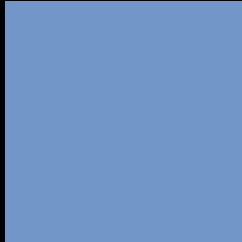
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 7196C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

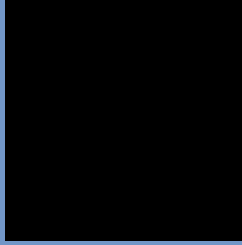
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

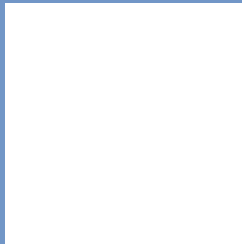
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7196C7 Background



This preview shows how black text looks on a background with the Hex color 7196C7.



This preview shows how white text looks on a background with the Hex color 7196C7.

# 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](#).

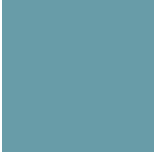
## Dichromacy



**Original Color**  
7196C7

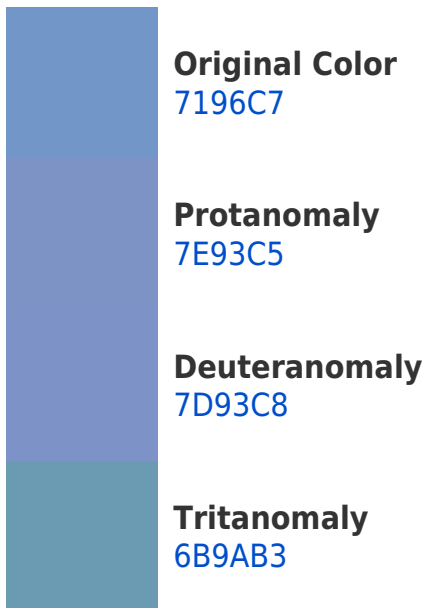
**Protanopia**  
8591C4

**Deuteranopia**  
8491C8



**Tritanopia**  
689CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7196C7 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 #7196C7 looks like.

```
.text, #text, p{  
    color:#7196C7  
}
```

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 #7196C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7196C7
}
```

## Border

The CSS property to change the border of an element to Hex 7196C7 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
#7196C7 }
```

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

```
.border{ border-color:#7196C7 }
```

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

Here you see how a box with a 4 pixel #7196C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7196C7; -webkit-box-shadow:4px 4px  
4px 4px #7196C7; box-shadow:4px 4px 4px  
4px #7196C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7196C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7196C7 }
```

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

```
.background{ background-color:#7196C7 }
```

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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