

# Converting Colors

Hex(6EA7C0)

Have a look what the booklet for  
Hex(6EA7C0) contains.

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# **Color**

**Hex(6EA7C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA7C0
RGB	110, 167, 192
RGB Percent	43%, 65%, 75%
CMY	0.5686, 0.3451, 0.2471
CMYK	0.43, 0.13, 0.00, 0.25
HSL	198°, 39%, 59%
HSV	198°, 43%, 75%
XYZ	29.7636, 34.7582, 55.0095
YIQ	152.8070, -41.9970, -4.3090

# Conversions

## Conversions Part 2

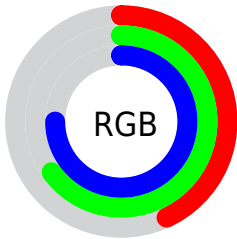
Format	Color
<a href="#">RYB</a>	<a href="#">110, 144, 192</a>
Decimal	<a href="#">7251904</a>
CIELab	<a href="#">65.56, -12.02, -18.67</a>
CIElCh	<a href="#">66, 22.202, 237.234</a>
Yxy	<a href="#">34.7582, 0.2490, 0.2908</a>
Android (android.graphics.Color)	<a href="#">4285441984 (0xFF6EA7C0)</a>
YUV	<a href="#">152.8070, 19.3221, -37.5417</a>
Hunter-Lab	<a href="#">58.9561, -13.0587, -14.0518</a>

# Details

The Hex color **6EA7C0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C0876E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A5DEF8**, and **38738A** is the 20% darker color. If you saturate the color by 10%, you get **5BA1C0**, and if you desaturate by 10%, it is **81ADC0**.

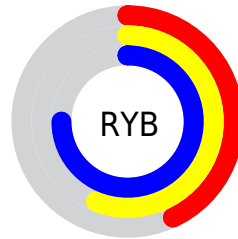
# Distribution



Red (43%)

Green (65%)

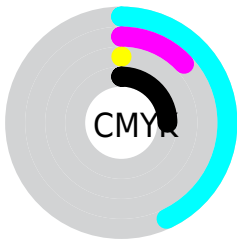
Blue (75%)



Red (43%)

Yellow (56%)

Blue (75%)

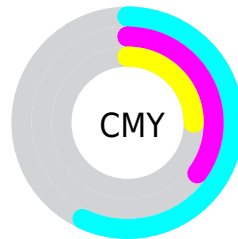


Cyan (43%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (57%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA7C0 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 6EA7C0 by changing the saturation by 10% instead.





6EA7C0



6EA7C0

FFFFFF



538DA5



A5DEF8



38738A



C1FBFF



195A71



DEFFFF



004358



FBFFFF



002D41



00192B



000116



000000



6EA7C0



6EA7C0

■ 5BA1C0

■ 81ADC0

■ 489BC0

■ 94B3C0

■ 3495C0

■ A8B9C0

■ 2190C0

■ BBBEC0

■ 0E8AC0

■ CEC4C0

■ 0085C0

■ E1CAC0

■ F4D0C0

■ FFD6C0

■ FFDCC0

# Harmonies

## Analogous

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



66AAB1



6EA7C0



85A2C7

# Triad

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



6EA7C0



C591A2



9BA47C

# Complementary

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



6EA7C0



C0876E

# 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.



B09D78



6EA7C0



C8928E

# Square

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



6EA7C0



B794B5



C0977E



84A889

# Rectangle

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



6EA7C0



979DC5



C0977E



A2A279

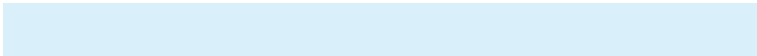


# Sweetspot

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



6EA7C0



D9F0FA



6EC087



69777D



FCFCFC



7D7D7D



# Same Dimension

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



6EA7C0



7AD3FA



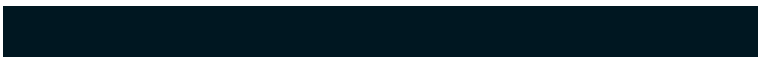
6E7EC0



575E61



0070A1



001721



# Inverse Universe

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



C06EA7



FA7AD3



C0B06E



61575E



A10070

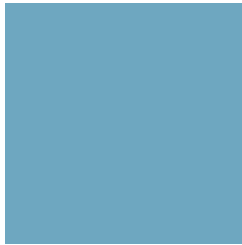


210017



# Previews

## White Background



This preview shows how the Hex color 6EA7C0 looks on a white background.

## Color Contrast Check

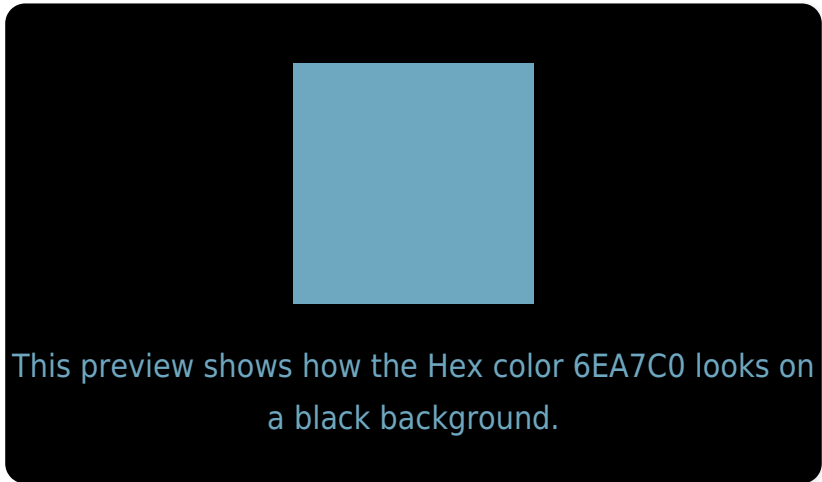
Large Text (above 18pt) WCAG AA × Fail

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

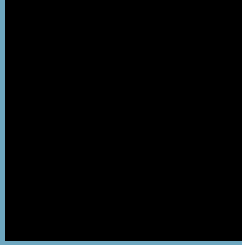
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA7C0 Background



This preview shows how black text looks on a background with the Hex color 6EA7C0.

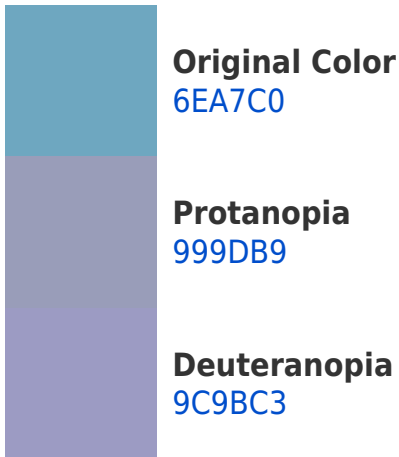


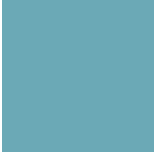
This preview shows how white text looks on a background with the Hex color 6EA7C0.

# 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](#).

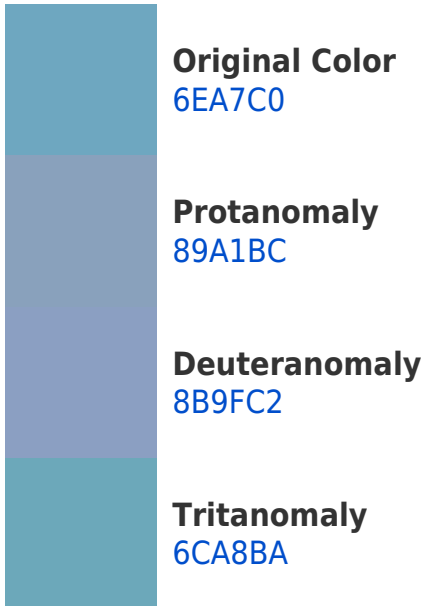
## Dichromacy



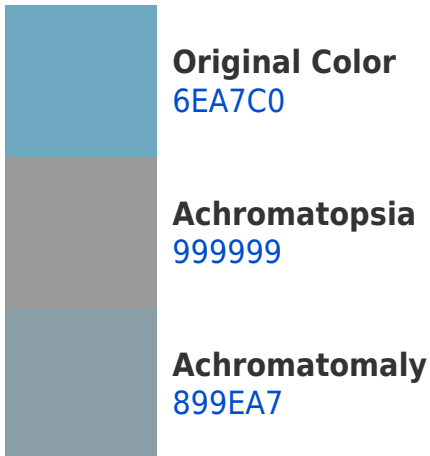


**Tritanopia**  
6BA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA7C0 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 #6EA7C0 looks like.

```
.text, #text, p{  
    color:#6EA7C0  
}
```

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 #6EA7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA7C0
}
```

## Border

The CSS property to change the border of an element to Hex 6EA7C0 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
#6EA7C0 }
```

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

```
.border{ border-color:#6EA7C0 }
```

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

Here you see how a box with a 4 pixel #6EA7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA7C0; -webkit-box-shadow:4px 4px  
4px 4px #6EA7C0; box-shadow:4px 4px 4px  
4px #6EA7C0 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA7C0 }
```

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

```
.background{ background-color:#6EA7C0 }
```

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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