

# Converting Colors

Hex(6A91A0)

Have a look what the booklet for  
Hex(6A91A0) contains.

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# Color

**Hex(6A91A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A91A0
RGB	106, 145, 160
RGB Percent	42%, 57%, 63%
CMY	0.5843, 0.4314, 0.3725
CMYK	0.34, 0.09, 0.00, 0.37
HSL	197°, 22%, 52%
HSV	197°, 34%, 63%
XYZ	22.4144, 25.8530, 37.0665
YIQ	135.0490, -28.0590, -3.6030

# Conversions

## Conversions Part 2

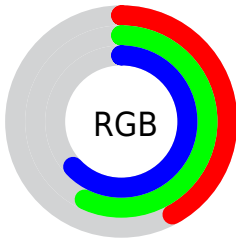
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 129, 160
Decimal	6984096
CIE <sub>Lab</sub>	57.90, -9.61, -12.24
CIE <sub>LCh</sub>	58, 15.563, 231.857
Yxy	25.8530, 0.2627, 0.3030
Android (android.graphics.Color)	4285174176 (0xFF6A91A0)
YUV	135.0490, 12.3008, -25.4760
Hunter-Lab	50.8459, -10.2920, -7.6301

# Details

The Hex color **6A91A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0796A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9FC7D7**, and **385F6D** is the 20% darker color. If you saturate the color by 10%, you get **5A8DA0**, and if you desaturate by 10%, it is **7A95A0**.

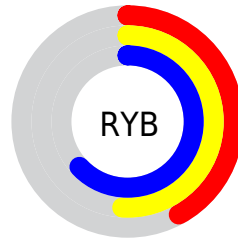
# Distribution



Red (42%)

Green (57%)

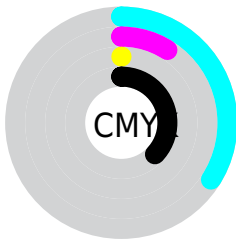
Blue (63%)



Red (42%)

Yellow (51%)

Blue (63%)

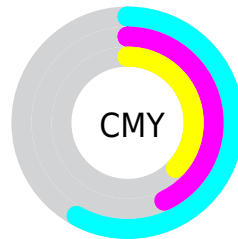


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (43%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A91A0 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 6A91A0 by changing the saturation by 10% instead.





6A91A0



6A91A0

FFFFFF



517786



9FC7D7



385F6D



BAE3F3



1E4754



D7FFFF



01303D



F3FFFF



001C27



000113



000000



6A91A0



6A91A0



5A8DA0



7A95A0

■ 4A88A0

■ 8A9AA0

■ 3A84A0

■ 9A9EA0

■ 2A7FA0

■ AAA3A0

■ 1A7BA0

■ BAA7A0

■ 0A76A0

■ CAACA0

■ 0074A0

■ DAB0A0

■ EAB5A0

■ FAB9A0

# Harmonies

## Analogous

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



679395



6A91A0



778DA6

# Triad

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



6A91A0



A4828F



8B8D72

# Complementary

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



6A91A0



A0796A

# 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.



998970



6A91A0



A88282

# Square

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



6A91A0



99859C



A48576



7B917A

# Rectangle

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



6A91A0



838AA6



A48576



908C71



# Sweetspot

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



6A91A0



BCCBD1



6AA078



5C6569



E8E8E8



696969



# Same Dimension

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



6A91A0



7BB9D1



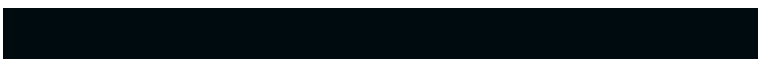
6A77A0



474D4F



00678F



000B0F



# Inverse Universe

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



A06A91



D17BB9



A0936A



4F474D



8F0067



0F000B



# Previews

## White Background



This preview shows how the Hex color 6A91A0 looks on a white background.

## Color Contrast Check

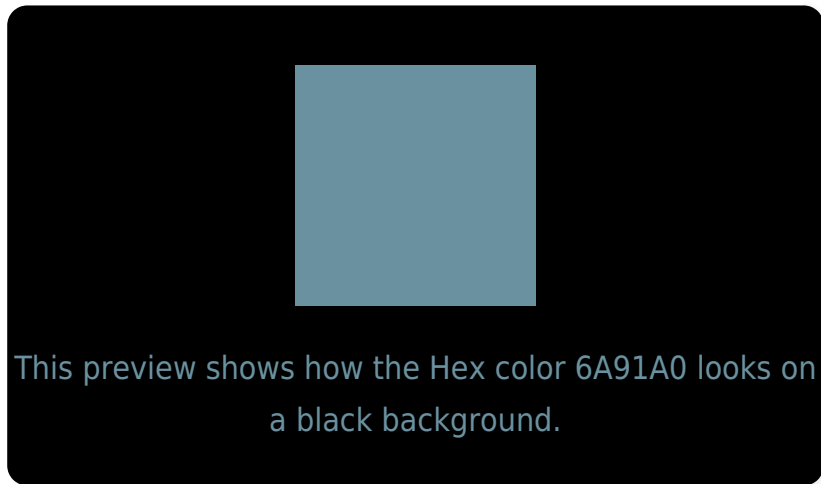
Large Text (above 18pt) WCAG AA ✓ Pass

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

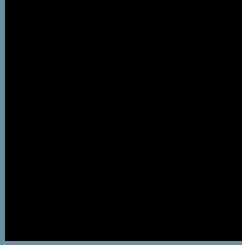
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A91A0 Background



This preview shows how black text looks on a background with the Hex color 6A91A0.

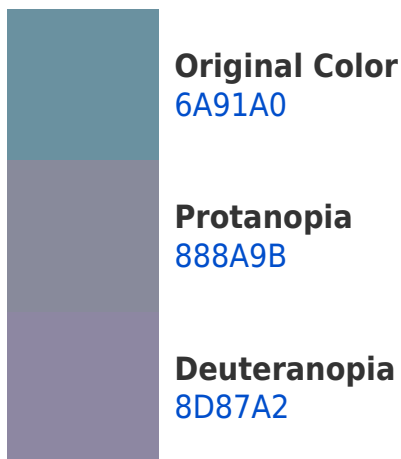



This preview shows how white text looks on a background with the Hex color 6A91A0.

# 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](#).

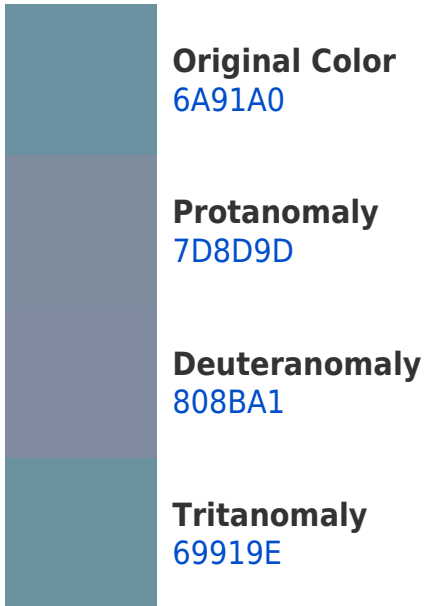
## Dichromacy



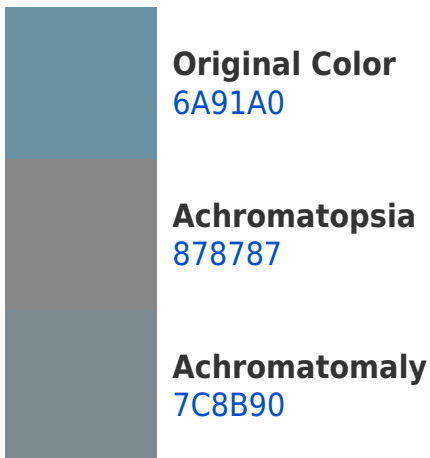


**Tritanopia**  
69919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A91A0 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 #6A91A0 looks like.

```
.text, #text, p{  
    color:#6A91A0  
}
```

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 #6A91A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A91A0  
}
```

## Border

The CSS property to change the border of an element to Hex 6A91A0 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  
#6A91A0 }
```

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

```
.border{ border-color:#6A91A0 }
```

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

Here you see how a box with a 4 pixel #6A91A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A91A0; -webkit-box-shadow:4px 4px  
4px 4px #6A91A0; box-shadow:4px 4px 4px  
4px #6A91A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6A91A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A91A0 }
```

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

```
.background{ background-color:#6A91A0 }
```

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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