

# Converting Colors

Hex(5890A0)

Have a look what the booklet for  
Hex(5890A0) contains.

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**Color**

**Hex(5890A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5890A0
RGB	88, 144, 160
RGB Percent	35%, 56%, 63%
CMY	0.6549, 0.4353, 0.3725
CMYK	0.45, 0.10, 0.00, 0.37
HSL	193°, 29%, 49%
HSV	193°, 45%, 63%
XYZ	20.3429, 24.5593, 36.9259
YIQ	129.0800, -38.5120, -6.8960

# Conversions

## Conversions Part 2

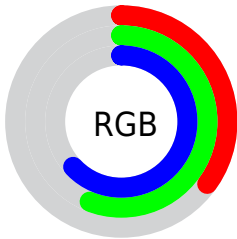
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 120, 160
Decimal	5804192
CIE <sub>Lab</sub>	56.64, -14.03, -14.22
CIE <sub>LCh</sub>	57, 19.982, 225.388
Yxy	24.5593, 0.2486, 0.3001
Android (android.graphics.Color)	4283994272 (0xFF5890A0)
YUV	129.0800, 15.2436, -36.0272
Hunter-Lab	49.5573, -13.4524, -9.4878

# Details

The Hex color **5890A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06858**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8EC6D7**, and **215E6D** is the 20% darker color. If you saturate the color by 10%, you get **488CA0**, and if you desaturate by 10%, it is **6894A0**.

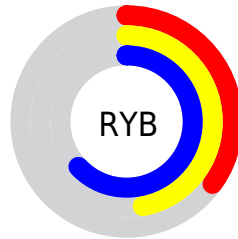
# Distribution



Red (35%)

Green (56%)

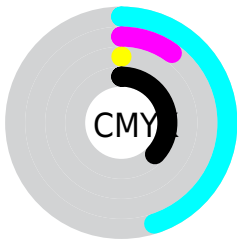
Blue (63%)



Red (35%)

Yellow (47%)

Blue (63%)

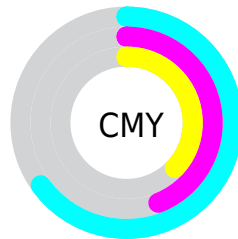


Cyan (45%)

Magenta (10%)

Yellow (0%)

Black (37%)



Cyan (65%)

Magenta (44%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5890A0 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 5890A0 by changing the saturation by 10% instead.



■ 5890A0

■ 5890A0

FFFFFF

■ 3D7686

■ 8EC6D7

■ 215E6D

■ A9E2F3

■ 004654

■ C5FFFF

■ 002F3D

■ E2FFFF

■ 001B27

■ 000112

■ 000000

■ 5890A0

■ 5890A0

■ 488CA0

■ 6894A0

3889A0

7897A0

2885A0

889BA0

1882A0

989EA0

087EA0

A8A2A0

007CA0

B8A5A0

C8A9A0

D8ACA0

E8B0A0

# Harmonies

## Analogous

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



589290



5890A0



688CA9

# Triad

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



5890A0



A57C91



8C8A66

# Complementary

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



5890A0



A06858

# 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.



9D8467



5890A0



AC7C7F

# Square

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



5890A0



9680A0



A87F70



788E6F

# Rectangle

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



5890A0



7788AA



A87F70



928865



# Sweetspot

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



5890A0



B4CBD1



58A068



576569



E8E8E8



696969



# Same Dimension

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



5890A0



60B8D1



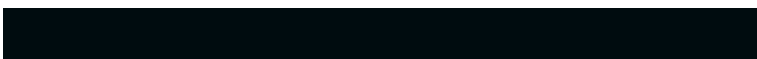
586CA0



474D4F



006F8F



000C0F



# Inverse Universe

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



A05890



D160B8



A08C58



4F474D



8F006F

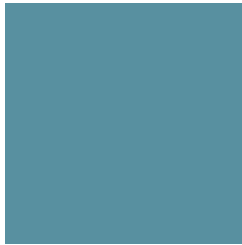


0F000C



# Previews

## White Background



This preview shows how the Hex color 5890A0 looks on a white background.

## Color Contrast Check

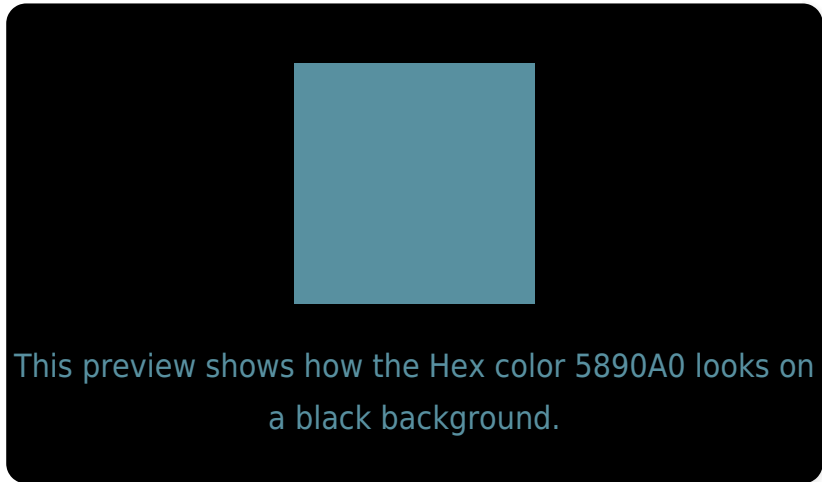
Large Text (above 18pt) WCAG AA ✓ Pass

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

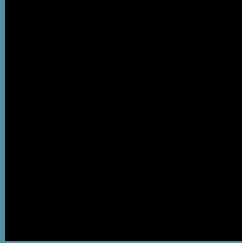
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5890A0 Background



This preview shows how black text looks on a background with the Hex color 5890A0.

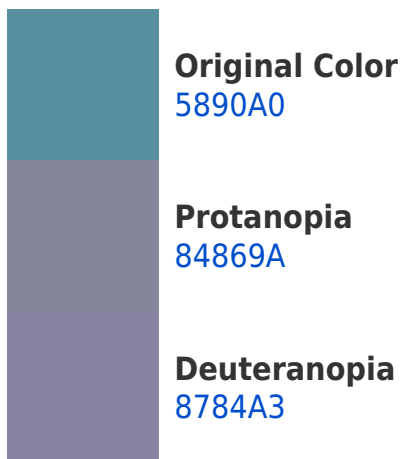



This preview shows how white text looks on a background with the Hex color 5890A0.

# 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](#).

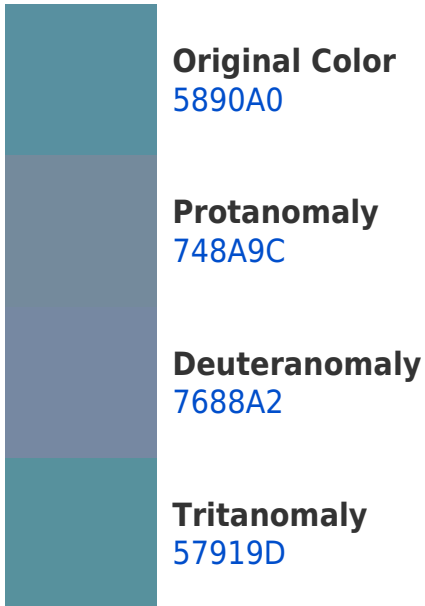
## Dichromacy





**Tritanopia**  
57919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5890A0 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 #5890A0 looks like.

```
.text, #text, p{  
    color:#5890A0  
}
```

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 #5890A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5890A0
}
```

## Border

The CSS property to change the border of an element to Hex 5890A0 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
#5890A0 }
```

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

```
.border{ border-color:#5890A0 }
```

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

Here you see how a box with a 4 pixel #5890A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5890A0; -webkit-box-shadow:4px 4px  
4px 4px #5890A0; box-shadow:4px 4px 4px  
4px #5890A0 }
```

# Background

The CSS property to change the background color of an element to Hex 5890A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5890A0 }
```

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

```
.background{ background-color:#5890A0 }
```

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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