

# Converting Colors

Hex(5794A0)

Have a look what the booklet for  
Hex(5794A0) contains.

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**Color**

**Hex(5794A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5794A0
RGB	87, 148, 160
RGB Percent	34%, 58%, 63%
CMY	0.6588, 0.4196, 0.3725
CMYK	0.46, 0.07, 0.00, 0.37
HSL	190°, 30%, 48%
HSV	190°, 46%, 63%
XYZ	20.8655, 25.7441, 37.1271
YIQ	131.1290, -40.2080, -9.2000

# Conversions

## Conversions Part 2

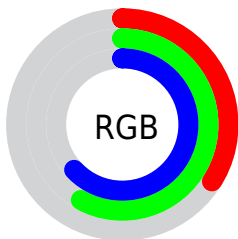
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 120, 160
Decimal	5739680
CIE <sub>Lab</sub>	57.79, -16.45, -12.49
CIE <sub>LCh</sub>	58, 20.657, 217.219
Y <sub>xy</sub>	25.7441, 0.2492, 0.3074
Android (android.graphics.Color)	4283929760 (0xFF5794A0)
YUV	131.1290, 14.2334, -38.7011
Hunter-Lab	50.7387, -15.3871, -7.8673

# Details

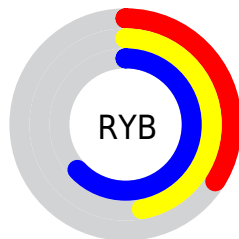
The Hex color **5794A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06357**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8DCAD7**, and **1F616D** is the 20% darker color. If you saturate the color by 10%, you get **4791A0**, and if you desaturate by 10%, it is **6797A0**.

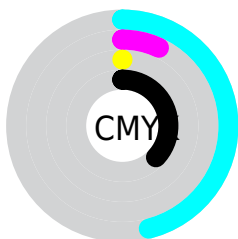
# Distribution



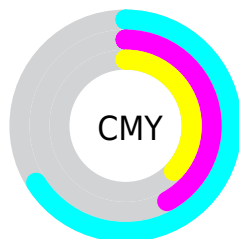
- Red (34%)
- Green (58%)
- Blue (63%)



- Red (34%)
- Yellow (47%)
- Blue (63%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (66%)
- Magenta (42%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5794A0 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 5794A0 by changing the saturation by 10% instead.



■ 5794A0

■ 5794A0

FFFFFF

■ 3C7A86

■ 8DCAD7

■ 1F616D

■ A9E6F3

■ 004954

■ C5FFFF

■ 00323D

■ E2FFFF

■ 001E27

■ 000113

■ 000000

■ 5794A0

■ 5794A0

■ 4791A0

■ 6797A0

■ 378FA0

■ 7799A0

■ 278CA0

■ 879CA0

■ 1789A0

■ 979FA0

■ 0787A0

■ A7A1A0

■ 0086A0

■ B7A4A0

■ C7A6A0

■ D7A9A0

■ E7ACA0

# Harmonies

## Analogous

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



5B958F



5794A0



6490AC

# Triad

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



5794A0



A68099



948B67

# Complementary

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



5794A0



A06357

# 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.



A4856A



5794A0



AF7E87

# Square

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



5794A0



9385A8



AE8076



80906E

# Rectangle

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



5794A0



738DAF



AE8076



9A8967



# Sweetspot

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



5794A0



B4CCD1



57A062



576669



E8E8E8



696969



# Same Dimension

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



5794A0



5EBED1



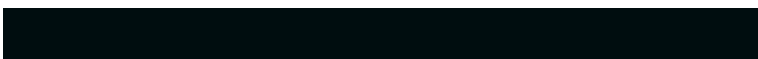
5771A0



474E4F



00778F



000D0F



# Inverse Universe

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



A05794



D15EBE



A08657



4F474E



8F0077

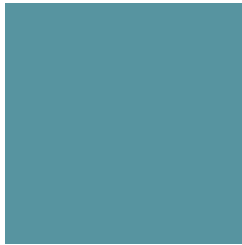


0F000D



# Previews

## White Background



This preview shows how the Hex color 5794A0 looks on a white background.

## Color Contrast Check

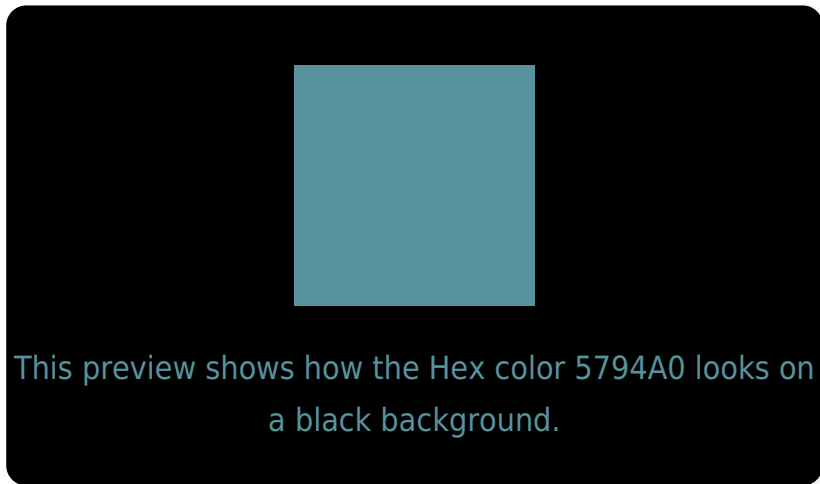
Large Text (above 18pt) WCAG AA ✓ Pass

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

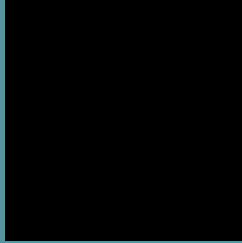
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5794A0 Background



This preview shows how black text looks on a background with the Hex color 5794A0.

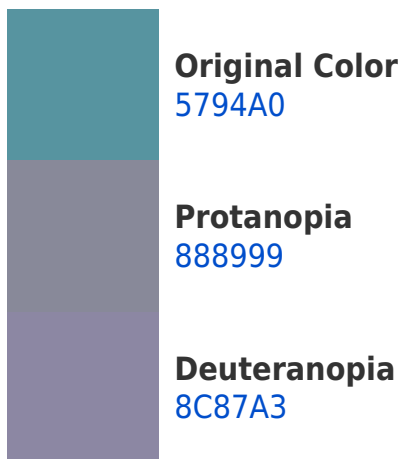


This preview shows how white text looks on a background with the Hex color 5794A0.

# 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](#).

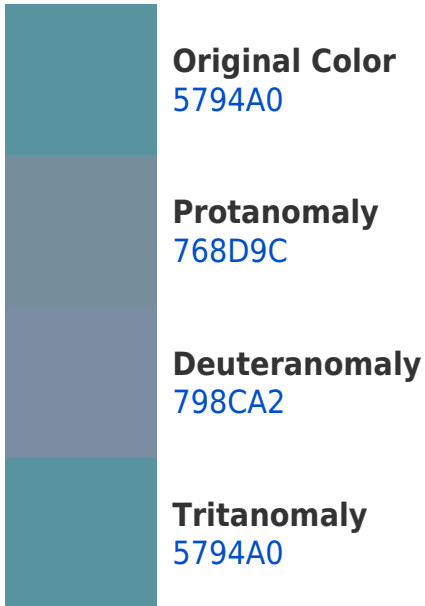
## Dichromacy





**Tritanopia**  
5794A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5794A0 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 #5794A0 looks like.

```
.text, #text, p{  
    color:#5794A0  
}
```

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 #5794A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5794A0
}
```

## Border

The CSS property to change the border of an element to Hex 5794A0 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
#5794A0 }
```

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

```
.border{ border-color:#5794A0 }
```

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

Here you see how a box with a 4 pixel #5794A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5794A0; -webkit-box-shadow:4px 4px  
4px 4px #5794A0; box-shadow:4px 4px 4px  
4px #5794A0 }
```

# Background

The CSS property to change the background color of an element to Hex 5794A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5794A0 }
```

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

```
.background{ background-color:#5794A0 }
```

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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