

# Converting Colors

Hex(5C90A2)

Have a look what the booklet for  
Hex(5C90A2) contains.

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# Color

Hex(5C90A2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C90A2
RGB	92, 144, 162
RGB Percent	36%, 56%, 64%
CMY	0.6392, 0.4353, 0.3647
CMYK	0.43, 0.11, 0.00, 0.36
HSL	195°, 28%, 50%
HSV	195°, 43%, 64%
XYZ	20.9085, 24.8305, 37.8732
YIQ	130.5040, -36.7700, -5.4260

# Conversions

## Conversions Part 2

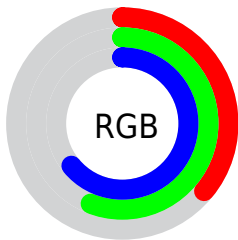
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 122, 162
Decimal	6066338
CIE Lab	56.91, -12.44, -14.95
CIE LCh	57, 19.444, 230.243
Yxy	24.8305, 0.2501, 0.2970
Android (android.graphics.Color)	4284256418 (0xFF5C90A2)
YUV	130.5040, 15.5275, -33.7680
Hunter-Lab	49.8302, -12.3051, -10.1820

# Details

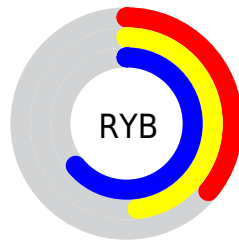
The Hex color **5C90A2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A26E5C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **92C6D9**, and **275E6E** is the 20% darker color. If you saturate the color by 10%, you get **4C8CA2**, and if you desaturate by 10%, it is **6C94A2**.

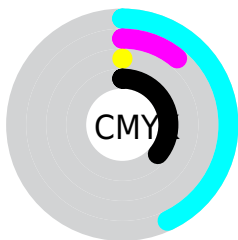
# Distribution



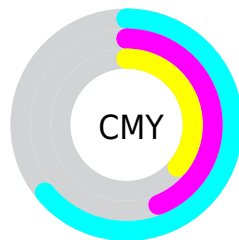
- Red (36%)
- Green (56%)
- Blue (64%)



- Red (36%)
- Yellow (48%)
- Blue (64%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C90A2 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 5C90A2 by changing the saturation by 10% instead.





5C90A2



5C90A2

FFFFFF



427688



92C6D9



275E6E



ADE2F5



034656



C9FFFF



002F3F



E6FFFF



001B29



000114



000000



5C90A2



5C90A2



4C8CA2



6C94A2

■ 3C88A2

■ 7C98A2

■ 2B84A2

■ 8D9CA2

■ 1B7FA2

■ 9DA1A2

■ 0B7BA2

■ ADA5A2

■ 0078A2

■ BDA9A2

■ CDADA2

■ DEB1A2

■ EEB5A2

# Harmonies

## Analogous

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



599294



5C90A2



6D8CAA

# Triad

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



5C90A2



A77D8F



898B69

# Complementary

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



5C90A2



A26E5C

# 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.



9A8667



5C90A2



AB7D7E

# Square

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



5C90A2



99819E



A7806F



768F72

# Rectangle

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



5C90A2



7C88AA



A7806F



8F8967



# Sweetspot

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



5C90A2



B8CDD4



5CA26E



5A676B



EBEBEB



6B6B6B



# Same Dimension

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



5C90A2



66B7D4



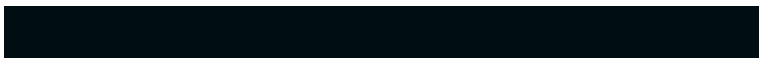
5C6EA2



495052



006C91



000D12



# Inverse Universe

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



A25C90



D466B7



A2915C



524950



91006C



12000D



# Previews

## White Background



This preview shows how the Hex color 5C90A2 looks on a white background.

## Color Contrast Check

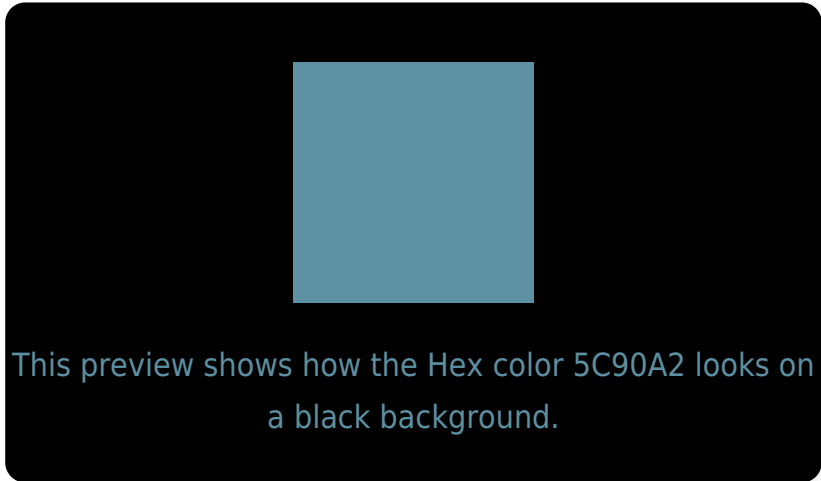
Large Text (above 18pt) WCAG AA ✓ Pass

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

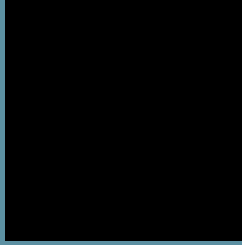
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C90A2 Background



This preview shows how black text looks on a background with the Hex color 5C90A2.

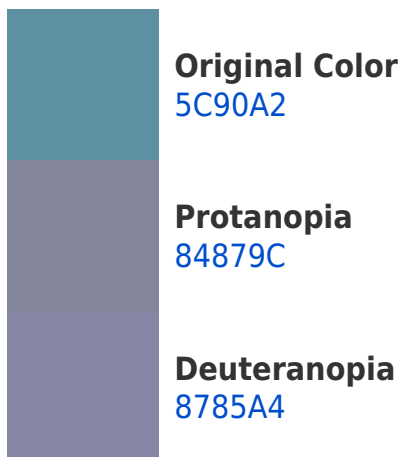



This preview shows how white text looks on a background with the Hex color 5C90A2.

# 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**  
5A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C90A2 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 #5C90A2 looks like.

```
.text, #text, p{  
    color:#5C90A2  
}
```

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 #5C90A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C90A2
}
```

## Border

The CSS property to change the border of an element to Hex 5C90A2 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
#5C90A2 }
```

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

```
.border{ border-color:#5C90A2 }
```

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

Here you see how a box with a 4 pixel #5C90A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C90A2; -webkit-box-shadow:4px 4px  
4px 4px #5C90A2; box-shadow:4px 4px 4px  
4px #5C90A2 }
```

# Background

The CSS property to change the background color of an element to Hex 5C90A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C90A2 }
```

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

```
.background{ background-color:#5C90A2 }
```

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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