

# Converting Colors

Hex(57A2B7)

Have a look what the booklet for  
Hex(57A2B7) contains.

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**Color**

**Hex(57A2B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A2B7
RGB	87, 162, 183
RGB Percent	34%, 64%, 72%
CMY	0.6588, 0.3647, 0.2824
CMYK	0.52, 0.11, 0.00, 0.28
HSL	193°, 40%, 53%
HSV	193°, 52%, 72%
XYZ	25.3981, 31.2858, 49.4999
YIQ	141.9690, -51.4410, -9.3690

# Conversions

## Conversions Part 2

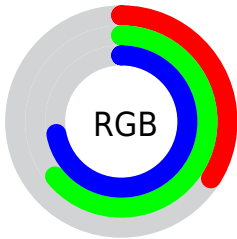
Format	Color
<b>R<sub>Y</sub>B</b>	87, 129, 183
Decimal	5743287
CIE <sub>Lab</sub>	62.75, -17.38, -18.01
CIE <sub>LCh</sub>	63, 25.030, 226.020
Yxy	31.2858, 0.2392, 0.2946
Android (android.graphics.Color)	4283933367 (0xFF57A2B7)
YUV	141.9690, 20.2283, -48.2078
Hunter-Lab	55.9337, -16.8317, -13.3165

# Details

The Hex color **57A2B7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B76C57**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8FD9EF**, and **176E82** is the 20% darker color. If you saturate the color by 10%, you get **459EB7**, and if you desaturate by 10%, it is **69A6B7**.

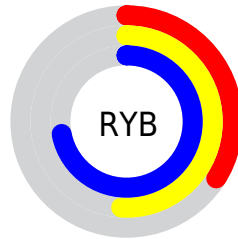
# Distribution



Red (34%)

Green (64%)

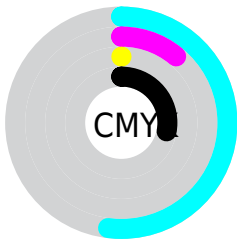
Blue (72%)



Red (34%)

Yellow (51%)

Blue (72%)

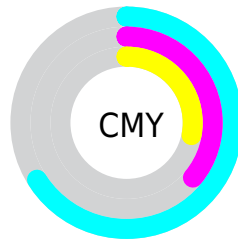


Cyan (52%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (66%)

Magenta (36%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57A2B7 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 57A2B7 by changing the saturation by 10% instead.



■ 57A2B7

■ 57A2B7

FFFFFF

■ 3A889C

■ 8FD9EF

■ 176E82

■ ACF5FF

■ 005669

■ C8FFFF

■ 003E51

■ E6FFFF

■ 00283A

■ 001324

■ 00010D

■ 000000

■ 57A2B7

■ 57A2B7

■ 459EB7

■ 69A6B7

■ 329AB7

■ 7CAAB7

■ 2096B7

■ 8EAEB7

■ 0E92B7

■ A0B2B7

■ 008FB7

■ B3B6B7

■ C5BAB7

■ D7BEB7

■ E9C2B7

■ FCC6B7

# Harmonies

## Analogous

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



57A4A3



57A2B7



6D9DC2

# Triad

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



57A2B7



BD89A3



9C9A6D

# Complementary

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



57A2B7



B76C57

# 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.



B1936D



57A2B7



C5888D

# Square

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



57A2B7



AA8EB7



C08C79



82A078

# Rectangle

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



57A2B7



8298C4



C08C79



A3986B



# Sweetspot

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



57A2B7



C7E5ED



57B76C



617378



F7F7F7



787878



# Same Dimension

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



57A2B7



58CCED



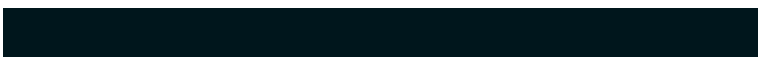
5772B7



535A5C



007A9C



00161C



# Inverse Universe

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



B757A2



ED58CC



B79C57



5C535A



9C007A

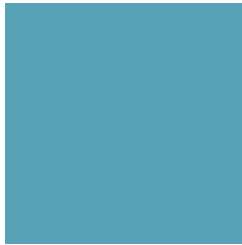


1C0016



# Previews

## White Background



This preview shows how the Hex color 57A2B7 looks on a white background.

## Color Contrast Check

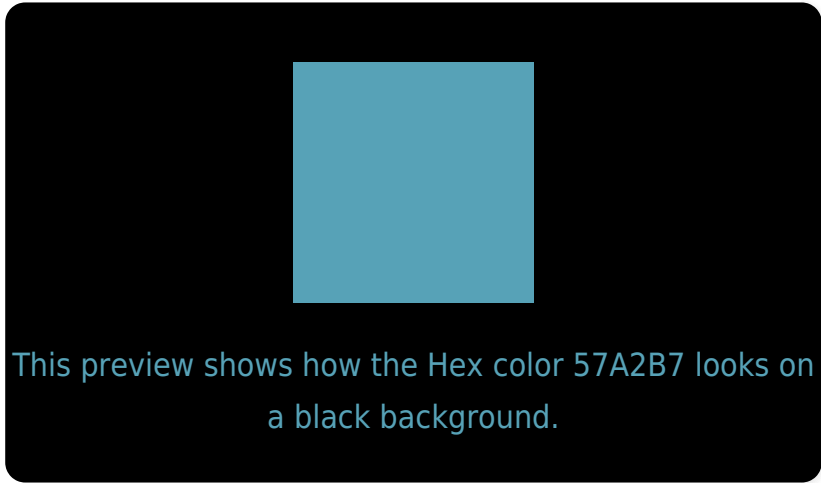
Large Text (above 18pt) WCAG AA × Fail

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

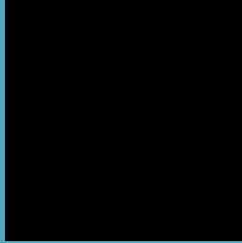
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

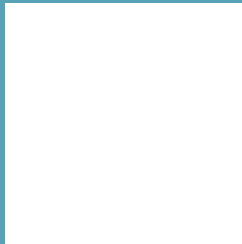
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57A2B7 Background



This preview shows how black text looks on a background with the Hex color 57A2B7.

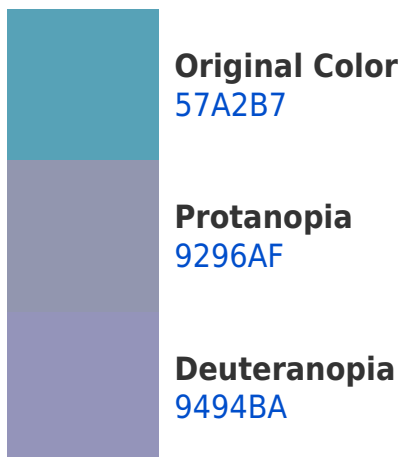


This preview shows how white text looks on a background with the Hex color 57A2B7.

# 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](#).

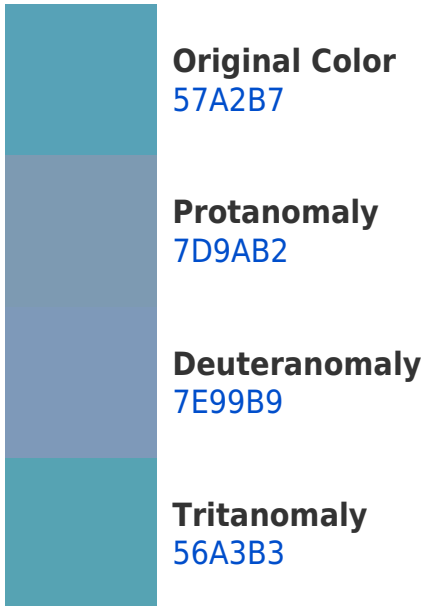
## Dichromacy



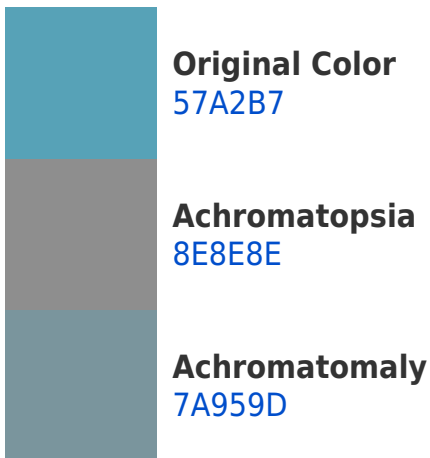


**Tritanopia**  
55A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57A2B7 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 #57A2B7 looks like.

```
.text, #text, p{  
    color:#57A2B7  
}
```

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 #57A2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A2B7  
}
```

## Border

The CSS property to change the border of an element to Hex 57A2B7 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  
#57A2B7 }
```

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

```
.border{ border-color:#57A2B7 }
```

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

Here you see how a box with a 4 pixel #57A2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A2B7; -webkit-box-shadow:4px 4px  
4px 4px #57A2B7; box-shadow:4px 4px 4px  
4px #57A2B7 }
```

# Background

The CSS property to change the background color of an element to Hex 57A2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A2B7 }
```

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

```
.background{ background-color:#57A2B7 }
```

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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