

# Converting Colors

Hex(57B893)

Have a look what the booklet for  
Hex(57B893) contains.

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**Color**

**Hex(57B893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B893
RGB	87, 184, 147
RGB Percent	34%, 72%, 58%
CMY	0.6588, 0.2784, 0.4235
CMYK	0.53, 0.00, 0.20, 0.28
HSL	157°, 41%, 53%
HSV	157°, 53%, 72%
XYZ	26.3374, 38.4138, 33.6302
YIQ	150.7790, -45.9350, -32.0710

# Conversions

## Conversions Part 2

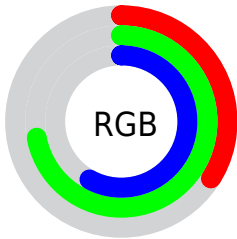
Format	Color
<a href="#">RYB</a>	<a href="#">87, 147, 184</a>
Decimal	<a href="#">5748883</a>
CIELab	<a href="#">68.32, -37.49, 10.19</a>
CIELCh	<a href="#">68, 38.856, 164.790</a>
Yxy	<a href="#">38.4138, 0.2677, 0.3905</a>
Android (android.graphics.Color)	<a href="#">4283938963 (0xFF57B893)</a>
YUV	<a href="#">150.7790, -1.8630, -55.9342</a>
Hunter-Lab	<a href="#">61.9789, -32.6109, 11.2140</a>

# Details

The Hex color **57B893** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B8577C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8FF1C9**, and **168260** is the 20% darker color. If you saturate the color by 10%, you get **45B88C**, and if you desaturate by 10%, it is **69B89A**.

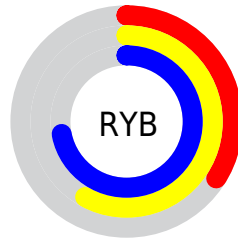
# Distribution



Red (34%)

Green (72%)

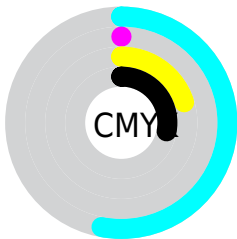
Blue (58%)



Red (34%)

Yellow (58%)

Blue (72%)

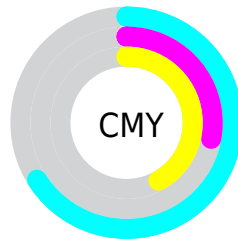


Cyan (53%)

Magenta (0%)

Yellow (20%)

Black (28%)



Cyan (66%)

Magenta (28%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57B893 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 57B893 by changing the saturation by 10% instead.



 57B893

 57B893

FFFFFF

 3A9D79

 8FF1C9

 168260

 ACFFE5

 006949

 C8FFFF

 005032

 E6FFFF

 00381D

 002404

 000000

 57B893

 57B893

 45B88C

 69B89A

 32B885

 7CB8A1

 20B87E

 8EB8A8

 0DB877

 A1B8AF

 00B872

 B3B8B6

 C5B8BD

 D8B8C4

 EAB8CB

 FDB8D2

# Harmonies

## Analogous

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



85B373



57B893



16B9B7

# Triad

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



57B893



8FA4EA



E39277

# Complementary

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



57B893



B8577C

# 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.



EB8B96



57B893



C097D9

# Square

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



57B893



50AFE4



E08DBA



CD9E63

# Rectangle

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



57B893



00B8CD



E08DBA



E88F80



# Sweetspot

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



57B893



C9F0E1



7CB857



61786F



F7F7F7



787878



# Same Dimension

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



57B893



59F0B6



57ADB8



535C58



009C60



001C11



# Inverse Universe

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



B8577C



F05992



B86257



5C5356



9C003B

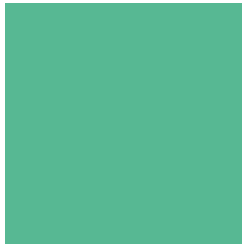


1C000B



# Previews

## White Background



This preview shows how the Hex color 57B893 looks on a white background.

## Color Contrast Check

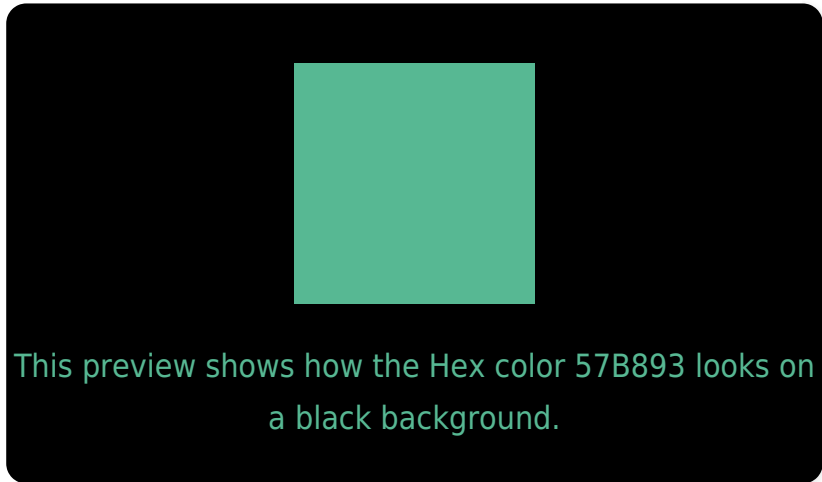
Large Text (above 18pt) WCAG AA × Fail

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

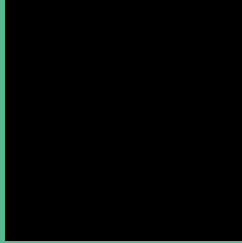
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57B893 Background



This preview shows how black text looks on a background with the Hex color 57B893.

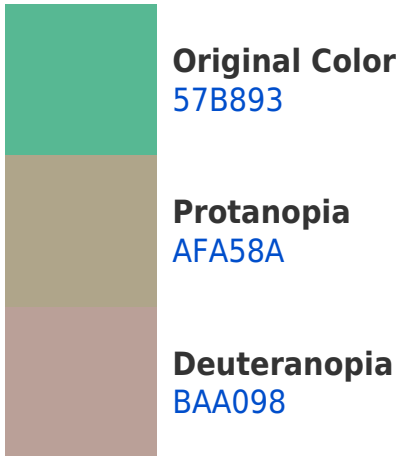


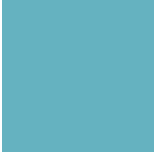
This preview shows how white text looks on a background with the Hex color 57B893.

# 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**  
65B2C0

# Trichromacy



**Original Color**  
57B893



**Protanomaly**  
8FAC8D



**Deuteranomaly**  
96A996



**Tritanomaly**  
60B4B0

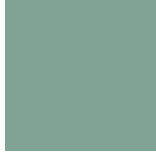
# Monochromacy



**Original Color**  
57B893



**Achromatopsia**  
979797



**Achromatomaly**  
80A396

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57B893 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 #57B893 looks like.

```
.text, #text, p{  
    color:#57B893  
}
```

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 #57B893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B893
}
```

## Border

The CSS property to change the border of an element to Hex 57B893 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
#57B893 }
```

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

```
.border{ border-color:#57B893 }
```

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

Here you see how a box with a 4 pixel #57B893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B893; -webkit-box-shadow:4px 4px  
4px 4px #57B893; box-shadow:4px 4px 4px  
4px #57B893 }
```

# Background

The CSS property to change the background color of an element to Hex 57B893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B893 }
```

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

```
.background{ background-color:#57B893 }
```

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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