

# Converting Colors

Hex(5EBC9D)

Have a look what the booklet for  
Hex(5EBC9D) contains.

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# Color

Hex(5EBC9D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EBC9D
RGB	94, 188, 157
RGB Percent	37%, 74%, 62%
CMY	0.6314, 0.2627, 0.3843
CMYK	0.50, 0.00, 0.16, 0.26
HSL	160°, 41%, 55%
HSV	160°, 50%, 74%
XYZ	28.6851, 40.7804, 38.2578
YIQ	156.3600, -46.0730, -29.5690

# Conversions

## Conversions Part 2

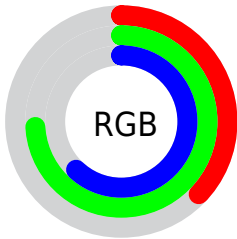
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 150, 188
Decimal	6208669
CIELab	70.02, -35.40, 7.18
CIElCh	70, 36.121, 168.528
Yxy	40.7804, 0.2663, 0.3786
Android (android.graphics.Color)	4284398749 (0xFF5EBC9D)
YUV	156.3600, 0.3155, -54.6897
Hunter-Lab	63.8596, -31.5737, 9.1815

# Details

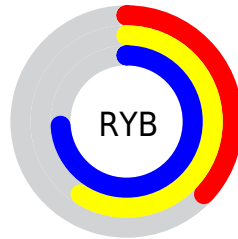
The Hex color **5EBC9D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5E7D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **96F5D4**, and **21866A** is the 20% darker color. If you saturate the color by 10%, you get **4BBC97**, and if you desaturate by 10%, it is **71BCA3**.

# Distribution



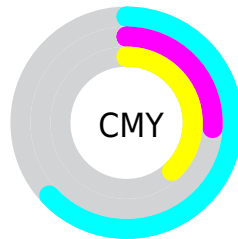
- Red (37%)
- Green (74%)
- Blue (62%)



- Red (37%)
- Yellow (59%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EBC9D 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 5EBC9D by changing the saturation by 10% instead.



 5EBC9D

 5EBC9D

FFFFFF

 41A183

 96F5D4

 21866A

 B2FFF0

 006C52

 CFFFFFF

 00533B

 EDFFFF

 003B25


 002610

 000000

 5EBC9D

 5EBC9D

 4BBC97

 71BCA3

 38BC91

 84BCA9

 26BC8A

 96BCB0

 13BC84

 A9BCB6

 00BC7E

 BCBCBC

 CFBCC2

 E2BCC8

 F4BCCF

 FFBCD5

# Harmonies

## Analogous

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



87B87F



5EBC9D



35BDBF

# Triad

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



5EBC9D



9DA7E9



E39A7B

# Complementary

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



5EBC9D



BC5E7D

# 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.



EC9398



5EBC9D



C89BD7

# Square

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



5EBC9D



67B2EB



E393B9



CCA56B

# Rectangle

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



5EBC9D



2CBBD3



E393B9



E89784



# Sweetspot

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



5EBC9D



D0F5E9



7DBC5E



647A73



FAFAFA



7A7A7A



# Same Dimension

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



5EBC9D



62F5C4



5EACBC



555E5B



009E6A



001F15



# Inverse Universe

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



BC5E7D



F56292



BC6E5E



5E5558



9E0034

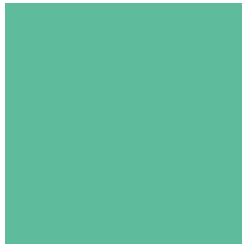


1F000A



# Previews

## White Background



This preview shows how the Hex color 5EBC9D looks on a white background.

## Color Contrast Check

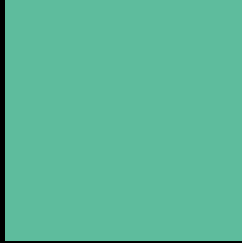
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5EBC9D looks on a 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 5EBC9D Background



This preview shows how black text looks on a background with the Hex color 5EBC9D.

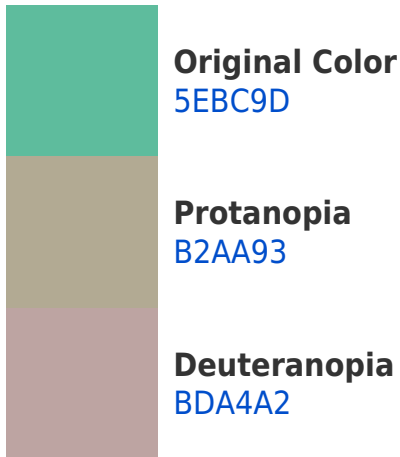


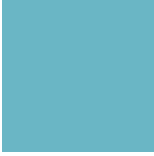
This preview shows how white text looks on a background with the Hex color 5EBC9D.

# 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](#).

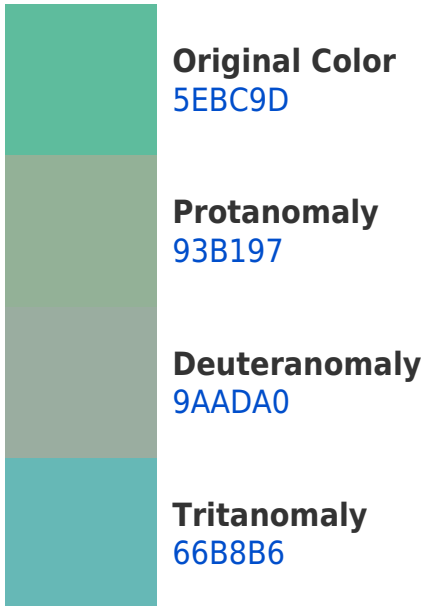
## Dichromacy



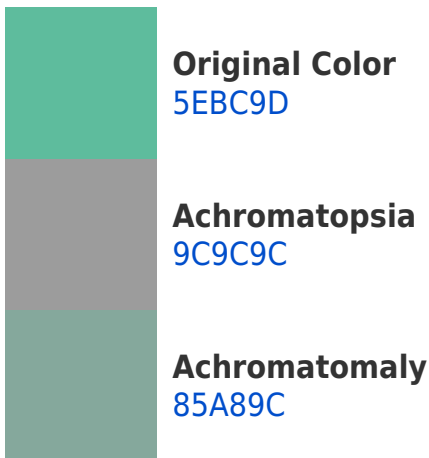


**Tritanopia**  
6AB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EBC9D 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 #5EBC9D looks like.

```
.text, #text, p{  
    color:#5EBC9D  
}
```

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 #5EBC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EBC9D
}
```

## Border

The CSS property to change the border of an element to Hex 5EBC9D 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
#5EBC9D }
```

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

```
.border{ border-color:#5EBC9D }
```

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

Here you see how a box with a 4 pixel #5EBC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EBC9D; -webkit-box-shadow:4px 4px  
4px 4px #5EBC9D; box-shadow:4px 4px 4px  
4px #5EBC9D }
```

# Background

The CSS property to change the background color of an element to Hex 5EBC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EBC9D }
```

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

```
.background{ background-color:#5EBC9D }
```

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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