

# Converting Colors

Hex(55BCA0)

Have a look what the booklet for  
Hex(55BCA0) contains.

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# **Color**

**Hex(55BCA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55BCA0
RGB	85, 188, 160
RGB Percent	33%, 74%, 63%
CMY	0.6667, 0.2627, 0.3725
CMYK	0.55, 0.00, 0.15, 0.26
HSL	164°, 43%, 54%
HSV	164°, 55%, 74%
XYZ	28.0747, 40.4358, 39.5829
YIQ	154.0110, -52.4000, -30.5440

# Conversions

## Conversions Part 2

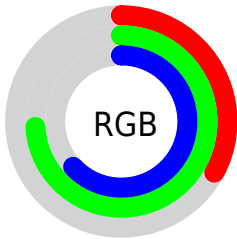
Format	Color
<a href="#">RYB</a>	<a href="#">85, 145, 188</a>
Decimal	<a href="#">5618848</a>
CIELab	<a href="#">69.78, -36.75, 5.15</a>
CIELCh	<a href="#">70, 37.108, 172.016</a>
Yxy	<a href="#">40.4358, 0.2597, 0.3741</a>
Android (android.graphics.Color)	<a href="#">4283808928 (0xFF55BCA0)</a>
YUV	<a href="#">154.0110, 2.9526, -60.5226</a>
Hunter-Lab	<a href="#">63.5891, -32.4730, 7.6056</a>

# Details

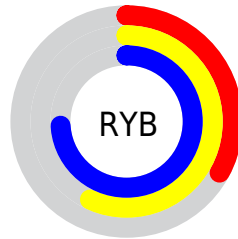
The Hex color **55BCA0** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5571**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8EF5D7**, and **0D866D** is the 20% darker color. If you saturate the color by 10%, you get **42BC9B**, and if you desaturate by 10%, it is **68BCA5**.

# Distribution



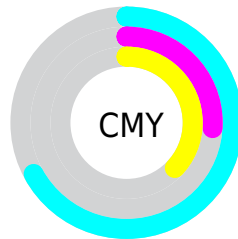
- Red (33%)
- Green (74%)
- Blue (63%)



- Red (33%)
- Yellow (57%)
- Blue (74%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55BCA0 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 55BCA0 by changing the saturation by 10% instead.



 55BCA0

 55BCA0

FFFFFF

 37A186

 8EF5D7

 0D866D

 ABFFF3

 006C54

 C8FFFF

 00533D

 E5FFFF

 003B27

 002613

 000000

 55BCA0

 55BCA0

 42BC9B

 68BCA5

 2FBC96

 7BBCAA

 1DBC91

 8DBC AF

 0ABC8C

 A0BCB4

 00BC89

 B3BCBA

 C6BCBF

 D9BCC4

 EBBCC9

 FEBCCE

# Harmonies

## Analogous

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



81B880



55BCA0



27BCC3

# Triad

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



55BCA0



A1A5E9



E19A77

# Complementary

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



55BCA0



BC5571

# 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.



EC9293



55BCA0



CC99D4

# Square

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



55BCA0



6AB1ED



E691B5



C9A568

# Rectangle

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



55BCA0



22BAD6



E691B5



E7967F



# Sweetspot

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



55BCA0



CEF5EA



72BC55



637A74



FAFAFA



7A7A7A



# Same Dimension

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



55BCA0



53F5C9



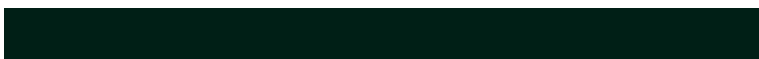
55A6BC



555E5C



009E73



001F16



# Inverse Universe

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



BC5571



F5537F



BC6B55



5E5557



9E002B

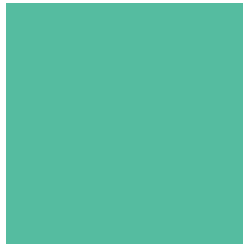


1F0008



# Previews

## White Background



This preview shows how the Hex color 55BCA0 looks on a white background.

## Color Contrast Check

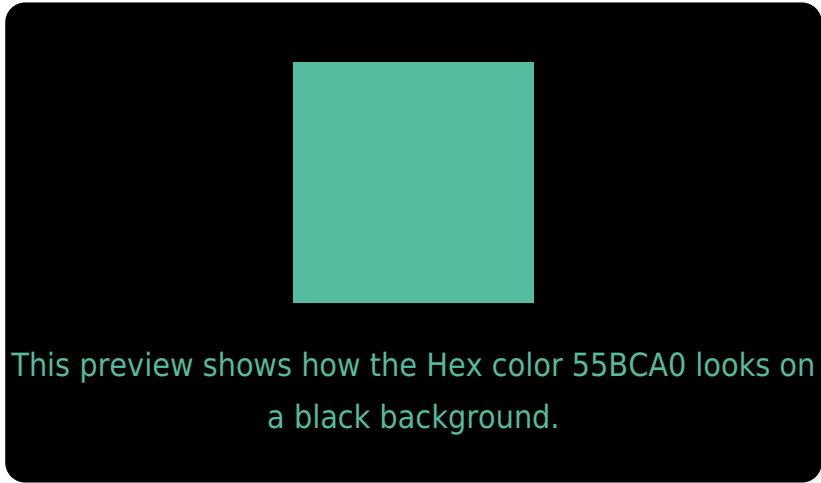
Large Text (above 18pt) WCAG AA × Fail

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

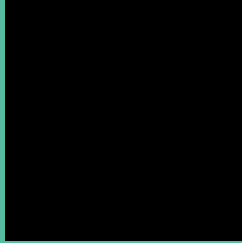
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55BCA0 Background



This preview shows how black text looks on a background with the Hex color 55BCA0.

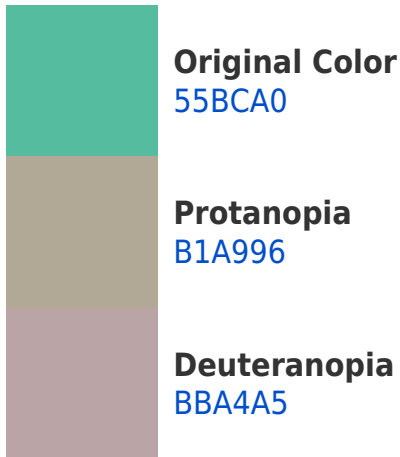


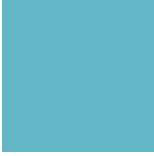
This preview shows how white text looks on a background with the Hex color 55BCA0.

# 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](#).

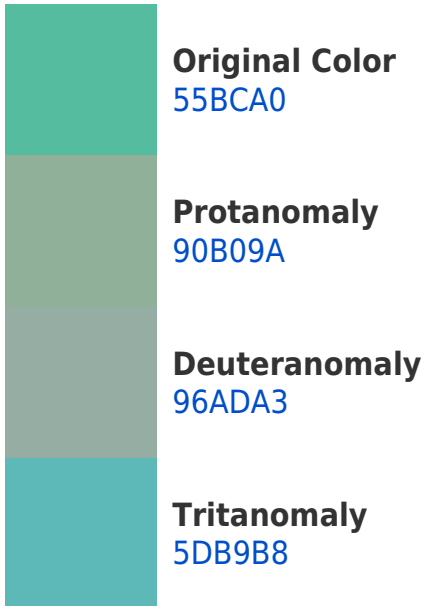
## Dichromacy



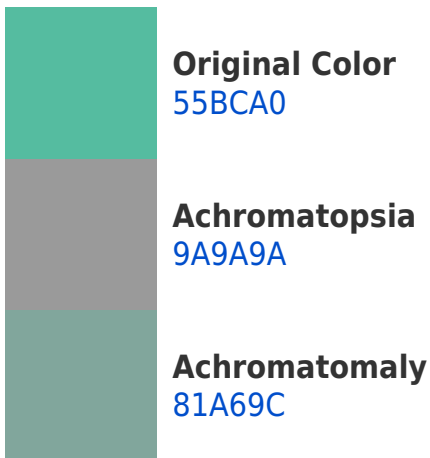


**Tritanopia**  
61B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55BCA0 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 #55BCA0 looks like.

```
.text, #text, p{  
    color:#55BCA0  
}
```

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 #55BCA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BCA0
}
```

## Border

The CSS property to change the border of an element to Hex 55BCA0 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
#55BCA0 }
```

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

```
.border{ border-color:#55BCA0 }
```

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

Here you see how a box with a 4 pixel #55BCA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BCA0; -webkit-box-shadow:4px 4px  
4px 4px #55BCA0; box-shadow:4px 4px 4px  
4px #55BCA0 }
```

# Background

The CSS property to change the background color of an element to Hex 55BCA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BCA0 }
```

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

```
.background{ background-color:#55BCA0 }
```

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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