

# Converting Colors

Hex(55B599)

Have a look what the booklet for  
Hex(55B599) contains.

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**Color**

**Hex(55B599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55B599
RGB	85, 181, 153
RGB Percent	33%, 71%, 60%
CMY	0.6667, 0.2902, 0.4000
CMYK	0.53, 0.00, 0.15, 0.29
HSL	162°, 39%, 52%
HSV	162°, 53%, 71%
XYZ	26.0200, 37.2789, 35.9612
YIQ	149.1040, -48.2280, -29.0600

# Conversions

## Conversions Part 2

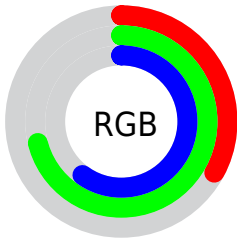
Format	Color
<a href="#">RYB</a>	<a href="#">85, 141, 181</a>
Decimal	<a href="#">5617049</a>
CIELab	<a href="#">67.49, -35.19, 5.69</a>
CIElCh	<a href="#">67, 35.652, 170.809</a>
Yxy	<a href="#">37.2789, 0.2621, 0.3756</a>
Android (android.graphics.Color)	<a href="#">4283807129 (0xFF55B599)</a>
YUV	<a href="#">149.1040, 1.9207, -56.2192</a>
Hunter-Lab	<a href="#">61.0565, -30.7789, 7.8188</a>

# Details

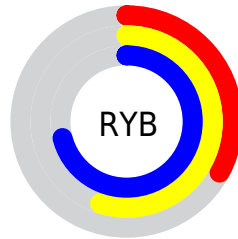
The Hex color **55B599** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B55571**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8DEDCE**, and **127F66** is the 20% darker color. If you saturate the color by 10%, you get **43B594**, and if you desaturate by 10%, it is **67B59E**.

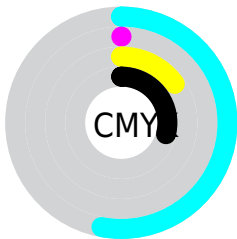
# Distribution



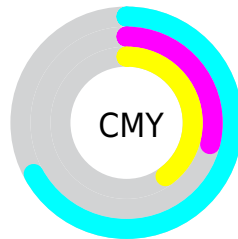
- Red (33%)
- Green (71%)
- Blue (60%)



- Red (33%)
- Yellow (55%)
- Blue (71%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55B599 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 55B599 by changing the saturation by 10% instead.



 55B599

 55B599


FFFFFF

 389A7F

 8DEDCE

 127F66

 AAFFEC

 00664E

 C7FFFF

 004D37

 E4FFFF

 003622

 00220C

 000000

 55B599

 55B599

 43B594

 67B59E

 31B58E

 79B5A4

 1FB589

 8BB5A9

 0DB584

 9DB5AE

 00B580

 B0B5B3

 C2B5B9

 D4B5BE

 E6B5C3

 F8B5C9

# Harmonies

## Analogous

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



7EB17B



55B599



2BB5BA

# Triad

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



55B599



9AA0E0



DA9474

# Complementary

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



55B599



B55571

# 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.



E38C8F



55B599



C394CD

# Square

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



55B599



65AAE3



DC8CB0



C39F65

# Rectangle

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



55B599



25B4CD



DC8CB0



DF917C



# Sweetspot

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



55B599



C5EBE0



72B555



5F756F



F5F5F5



757575



# Same Dimension

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



55B599



54EBBF



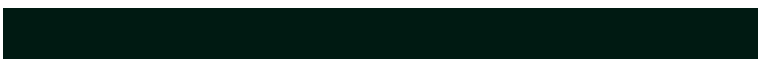
55A2B5



505957



00996C



001A12



# Inverse Universe

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



B55571



EB5480



B56855



595053



99002D

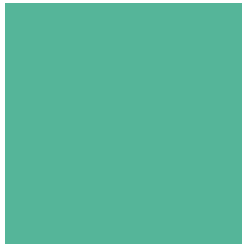


1A0007



# Previews

## White Background



This preview shows how the Hex color 55B599 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 55B599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

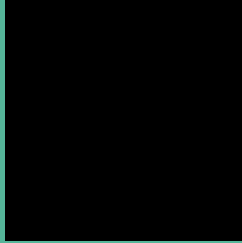
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55B599 Background



This preview shows how black text looks on a background with the Hex color 55B599.

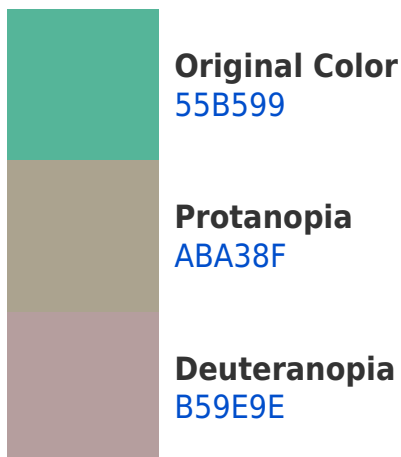


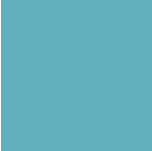
This preview shows how white text looks on a background with the Hex color 55B599.

# 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](#).

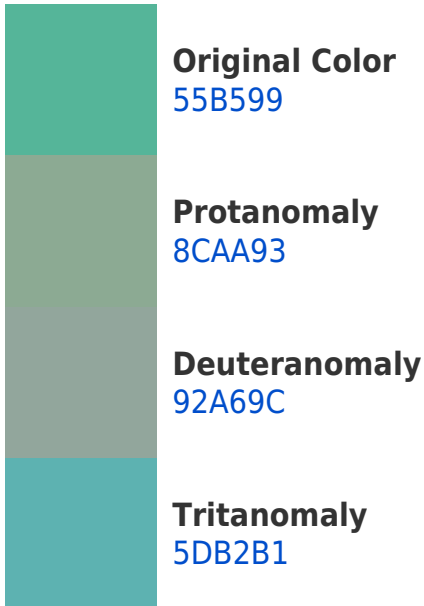
## Dichromacy



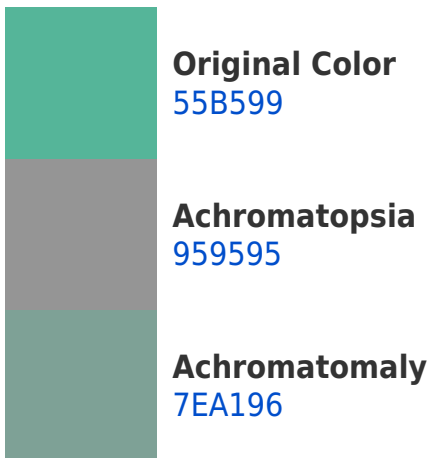


**Tritanopia**  
61B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55B599 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 #55B599 looks like.

```
.text, #text, p{  
    color:#55B599  
}
```

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 #55B599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B599
}
```

## Border

The CSS property to change the border of an element to Hex 55B599 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
#55B599 }
```

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

```
.border{ border-color:#55B599 }
```

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

Here you see how a box with a 4 pixel #55B599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B599; -webkit-box-shadow:4px 4px  
4px 4px #55B599; box-shadow:4px 4px 4px  
4px #55B599 }
```

# Background

The CSS property to change the background color of an element to Hex 55B599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B599 }
```

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

```
.background{ background-color:#55B599 }
```

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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