

# Converting Colors

Hex(55C793)

Have a look what the booklet for  
Hex(55C793) contains.

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**Color**

**Hex(55C793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C793
RGB	85, 199, 147
RGB Percent	33%, 78%, 58%
CMY	0.6667, 0.2196, 0.4235
CMYK	0.57, 0.00, 0.26, 0.22
HSL	153°, 50%, 56%
HSV	153°, 57%, 78%
XYZ	29.4362, 44.8847, 34.7159
YIQ	158.9860, -51.2520, -40.3400

# Conversions

## Conversions Part 2

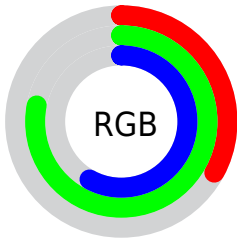
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 159, 199
Decimal	5621651
CIELab	72.82, -44.54, 16.50
CIElCh	73, 47.498, 159.674
Yxy	44.8847, 0.2700, 0.4116
Android (android.graphics.Color)	4283811731 (0xFF55C793)
YUV	158.9860, -5.9091, -64.8857
Hunter-Lab	66.9961, -38.8152, 16.1744

# Details

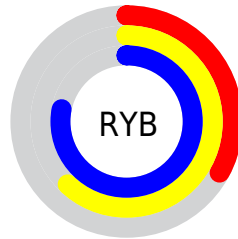
The Hex color **55C793** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C75589**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8FFFC9**, and **059060** is the 20% darker color. If you saturate the color by 10%, you get **41C78A**, and if you desaturate by 10%, it is **69C79C**.

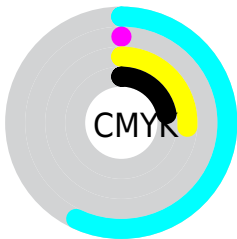
# Distribution



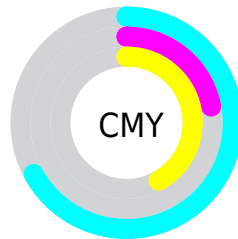
- Red (33%)
- Green (78%)
- Blue (58%)



- Red (33%)
- Yellow (62%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55C793 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 55C793 by changing the saturation by 10% instead.



 55C793

 55C793

FFFFFF

 35AB79

 8FFFC9

 059060

 ACFFE5

 007648

 C9FFFF

 005C32

 E7FFFF

 00441C

 002D04

 001200

 000000

 55C793

 55C793

 41C78A

 69C79C

 2DC781

 7DC7A5

 19C778

 91C7AE

 05C76F

 A5C7B7

 00C76C

 B9C7C0

 CCC7C9

 E0C7D3

 F4C7DC

 FFC7E5

# Harmonies

## Analogous

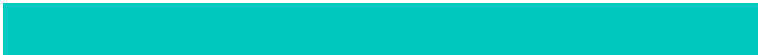
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91C06E



55C793



00C9C0

# Triad

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



55C793



86B2FF



FF977D

# Complementary

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



55C793



C75589

# 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.



FF8FA6



55C793



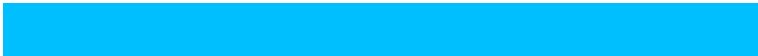
C9A2F6

# Square

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



55C793



00BFFF



F494D2



E6A661

# Rectangle

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



55C793



00C8DC



F494D2



FF938A

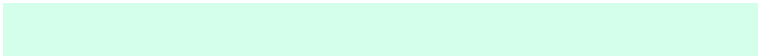


# Sweetspot

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



55C793



D4FFEB



8AC755



668074



000000



808080



# Same Dimension

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



55C793



4FFFAF



55C3C7



5A635F



00A359



002413



# Inverse Universe

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



C75589



FF4F9F



C75955



635A5E



A3004A

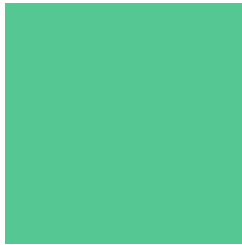


240010



# Previews

## White Background



This preview shows how the Hex color 55C793 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 55C793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

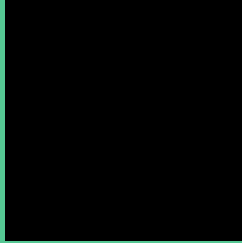
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55C793 Background



This preview shows how black text looks on a background with the Hex color 55C793.

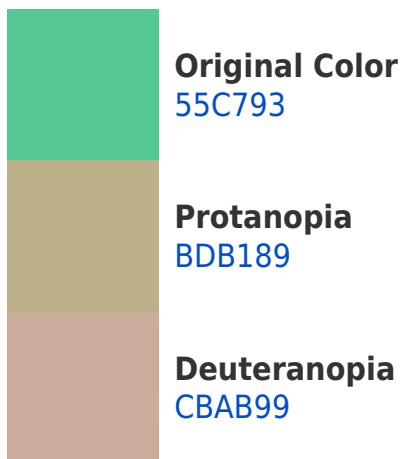


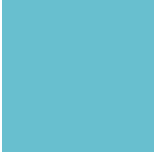
This preview shows how white text looks on a background with the Hex color 55C793.

# 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](#).

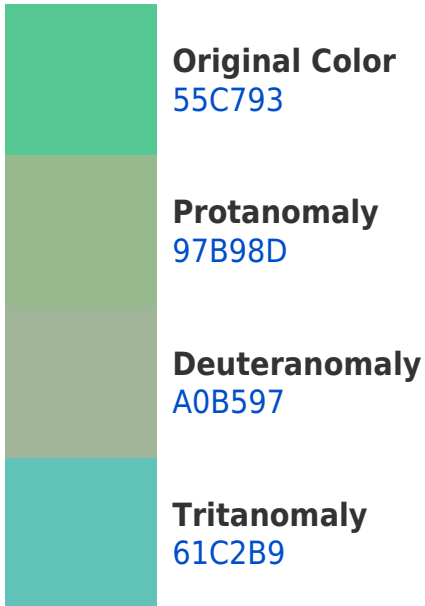
## Dichromacy



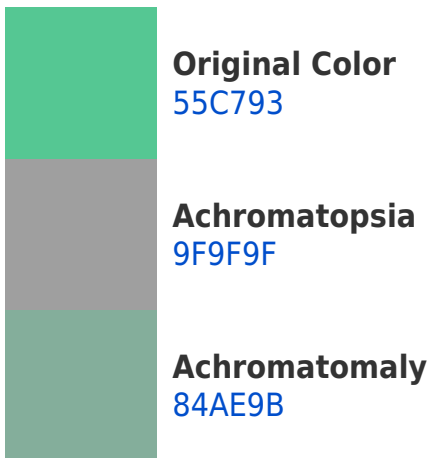


**Tritanopia**  
68BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55C793 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 #55C793 looks like.

```
.text, #text, p{  
    color:#55C793  
}
```

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 #55C793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C793
}
```

## Border

The CSS property to change the border of an element to Hex 55C793 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
#55C793 }
```

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

```
.border{ border-color:#55C793 }
```

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

Here you see how a box with a 4 pixel #55C793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C793; -webkit-box-shadow:4px 4px  
4px 4px #55C793; box-shadow:4px 4px 4px  
4px #55C793 }
```

# Background

The CSS property to change the background color of an element to Hex 55C793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C793 }
```

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

```
.background{ background-color:#55C793 }
```

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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