

# Converting Colors

Hex(55B97A)

Have a look what the booklet for  
Hex(55B97A) contains.

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**Color**

**Hex(55B97A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55B97A
RGB	85, 185, 122
RGB Percent	33%, 73%, 48%
CMY	0.6667, 0.2745, 0.5216
CMYK	0.54, 0.00, 0.34, 0.27
HSL	142°, 42%, 53%
HSV	142°, 54%, 73%
XYZ	24.6081, 38.0344, 24.4567
YIQ	147.9180, -39.3770, -40.7930

# Conversions

## Conversions Part 2

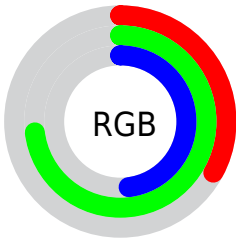
Format	Color
<a href="#">RYB</a>	<a href="#">85, 158, 185</a>
Decimal	<a href="#">5618042</a>
CIELab	<a href="#">68.05, -43.59, 23.33</a>
CIELCh	<a href="#">68, 49.442, 151.842</a>
Yxy	<a href="#">38.0344, 0.2825, 0.4367</a>
Android (android.graphics.Color)	<a href="#">4283808122 (0xFF55B97A)</a>
YUV	<a href="#">147.9180, -12.7776, -55.1791</a>
Hunter-Lab	<a href="#">61.6720, -36.7016, 19.6583</a>

# Details

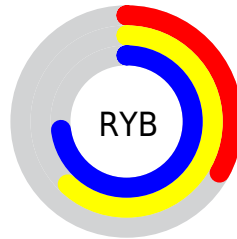
The Hex color **55B97A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B95594**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DF2AF**, and **128349** is the 20% darker color. If you saturate the color by 10%, you get **42B96E**, and if you desaturate by 10%, it is **68B986**.

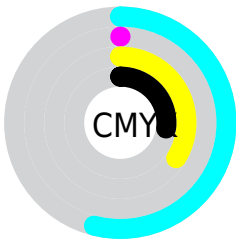
# Distribution



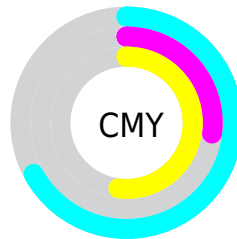
- Red (33%)
- Green (73%)
- Blue (48%)



- Red (33%)
- Yellow (62%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55B97A 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 55B97A by changing the saturation by 10% instead.



 55B97A

 55B97A


FFFFFF

 379E61

 8DF2AF

 128349

 AAFFCA

 006931

 C7FFE7

 00501B

 E4FFFF

 003803

 002300

 000000

 55B97A

 55B97A

 42B96E

 68B986

 30B963

 7AB991

 1DB957

 8DB99D

 0BB94B

 9FB9A9

 00B944

 B2B9B4

 C4B9C0

 D6B9CC

 E9B9D7

 FCB9E3

# Harmonies

## Analogous

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



90B157



55B97A



00BCA7

# Triad

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



55B97A



5BAAFF



F78579

# Complementary

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



55B97A



B95594

# 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.



F880A5



55B97A



AD99F2

# Square

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



55B97A



00B5F4



DF88D1



E29457

# Rectangle

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



55B97A



00BCC6



DF88D1



FA8287



# Sweetspot

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



55B97A



C9F0D8



94B955



61786A



F7F7F7



787878



# Same Dimension

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



55B97A



54F08E



55B9AC



535C56



009C3A



001C0A



# Inverse Universe

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



B95594



F054B6



B95562



5C5358



9C0062



1C0012



# Previews

## White Background



This preview shows how the Hex color 55B97A looks on a white background.

## Color Contrast Check

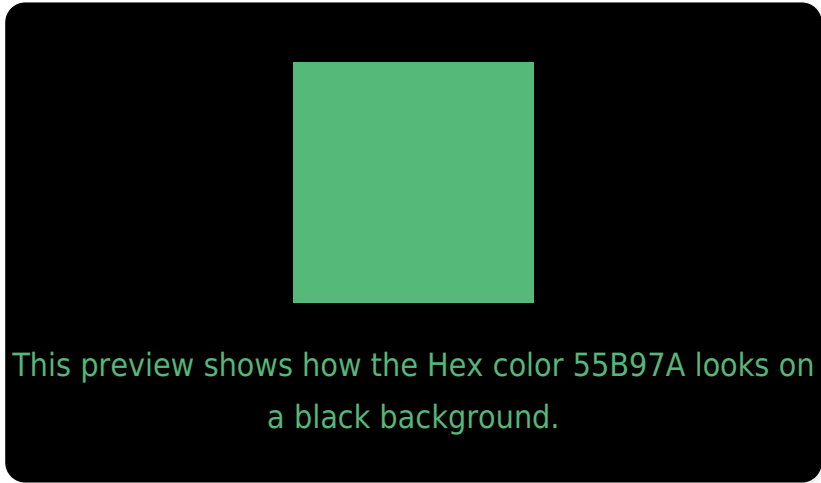
Large Text (above 18pt) WCAG AA × Fail

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

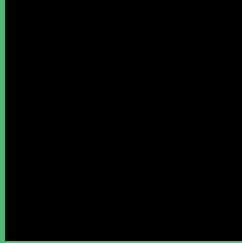
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55B97A Background



This preview shows how black text looks on a background with the Hex color 55B97A.

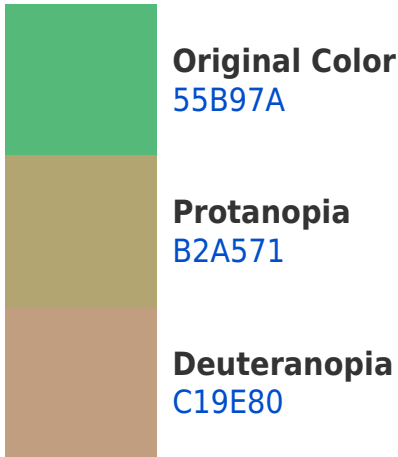


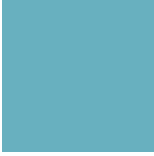
This preview shows how white text looks on a background with the Hex color 55B97A.

# 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**  
68B0BF

# Trichromacy



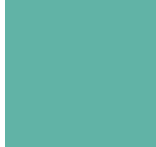
**Original Color**  
55B97A



**Protanomaly**  
90AC74



**Deuteranomaly**  
9AA87E



**Tritanomaly**  
61B3A6

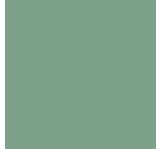
# Monochromacy



**Original Color**  
55B97A



**Achromatopsia**  
949494



**Achromatomaly**  
7DA18B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55B97A 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 #55B97A looks like.

```
.text, #text, p{  
    color:#55B97A  
}
```

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 #55B97A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B97A
}
```

## Border

The CSS property to change the border of an element to Hex 55B97A 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
#55B97A }
```

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

```
.border{ border-color:#55B97A }
```

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

Here you see how a box with a 4 pixel #55B97A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B97A; -webkit-box-shadow:4px 4px  
4px 4px #55B97A; box-shadow:4px 4px 4px  
4px #55B97A }
```

# Background

The CSS property to change the background color of an element to Hex 55B97A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B97A }
```

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

```
.background{ background-color:#55B97A }
```

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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