

Converting Colors

Hex(55B774)

Have a look what the booklet for
Hex(55B774) contains.

Hex(55B774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(55B774)

Conversions

Conversions Part 1

Format	Color
Hex	55B774
RGB	85, 183, 116
RGB Percent	33%, 72%, 45%
CMY	0.6667, 0.2824, 0.5451
CMYK	0.54, 0.00, 0.37, 0.28
HSL	139°, 40%, 53%
HSV	139°, 54%, 72%
XYZ	23.8322, 37.0592, 22.4201
YIQ	146.0600, -36.9010, -41.6130

Conversions

Conversions Part 2

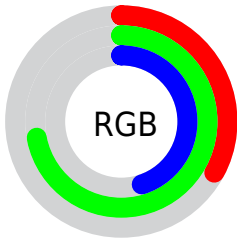
Format	Color
RYB	85, 159, 183
Decimal	5617524
CIELab	67.32, -43.85, 25.56
CIELCh	67, 50.756, 149.768
Yxy	37.0592, 0.2861, 0.4448
Android (android.graphics.Color)	4283807604 (0xFF55B774)
YUV	146.0600, -14.8196, -53.5496
Hunter-Lab	60.8763, -36.6533, 20.7776

Details

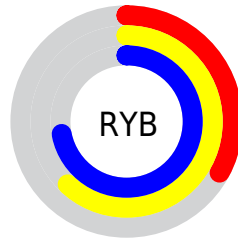
The Hex color **55B774** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B75598**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8DF0A9**, and **138143** is the 20% darker color. If you saturate the color by 10%, you get **43B767**, and if you desaturate by 10%, it is **67B781**.

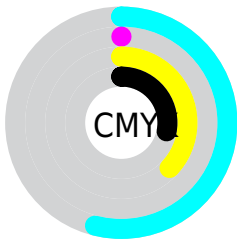
Distribution



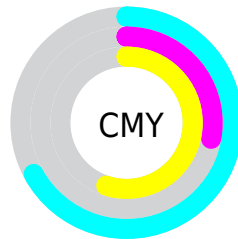
- Red (33%)
- Green (72%)
- Blue (45%)



- Red (33%)
- Yellow (62%)
- Blue (72%)



- Cyan (54%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B774 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 55B774 by changing the saturation by 10% instead.

 55B774

 55B774

FFFFFF

 389C5B

 8DF0A9

 138143

 AAFFC4

 00672C

 C6FFE0

 004E15

 E4FFFD

 003600

 002100

 000000

 55B774

 55B774

 43B767

 67B781

 30B75B

 7AB78D

 1EB74E

 8CB79A

 0CB742

 9EB7A6

 00B73A

 B1B7B3

 C3B7BF

 D5B7CC

 E7B7D8

 FAB7E5

Harmonies

Analogous

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



90AF51



55B774



00BBA2

Triad

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



55B774



4BA9FF



F78279

Complementary

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



55B774



B75598

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.



F67DA6



55B774



A698F3

Square

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



55B774



00B4F2



DC87D3



E39155

Rectangle

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



55B774



00BBC1



DC87D3



FA7E87

Sweetspot

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



55B774



C7EDD3



9AB755



617868



F7F7F7



787878

Same Dimension

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



55B774



55ED85



55B7A3



535C56



009C31



001C09

Inverse Universe

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



B75598



ED55BD



B75569



5C5359



9C006A



1C0013

Previews

White Background



This preview shows how the Hex color 55B774 looks on a white background.

Color Contrast Check

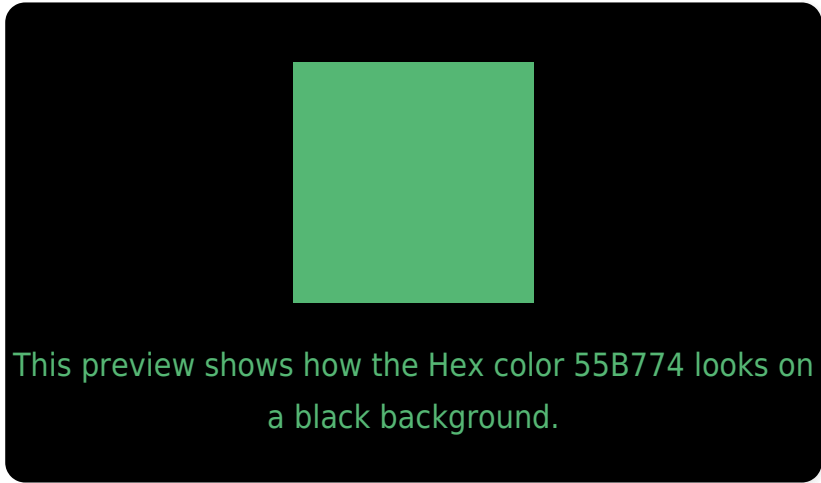
Large Text (above 18pt) WCAG AA × Fail

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 55B774 Background



This preview shows how black text looks on a background with the Hex color 55B774.

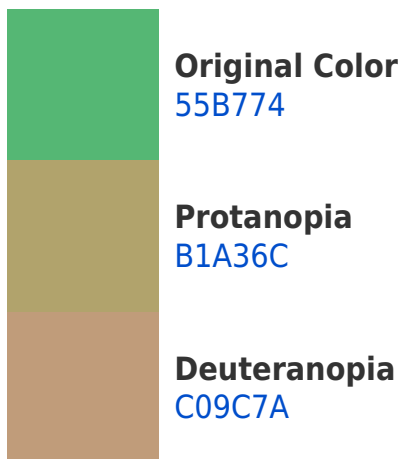


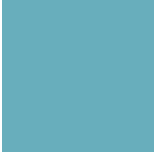
This preview shows how white text looks on a background with the Hex color 55B774.

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
68AEBC

Trichromacy



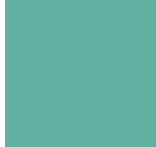
Original Color
55B774



Protanomaly
90AA6F



Deuteranomaly
99A678



Tritanomaly
61B1A2

Monochromacy



Original Color
55B774



Achromatopsia
929292



Achromatomaly
7C9F87

CSS Examples

Text

The CSS property to change the color of the text to Hex 55B774 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 #55B774 looks like.

```
.text, #text, p{  
    color:#55B774  
}
```

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 #55B774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B774
}
```

Border

The CSS property to change the border of an element to Hex 55B774 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
#55B774 }
```

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

```
.border{ border-color:#55B774 }
```

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

Here you see how a box with a 4 pixel #55B774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B774; -webkit-box-shadow:4px 4px  
4px 4px #55B774; box-shadow:4px 4px 4px  
4px #55B774 }
```

Background

The CSS property to change the background color of an element to Hex 55B774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B774 }
```

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

```
.background{ background-color:#55B774 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor