

Converting Colors

Hex(55C55C)

Have a look what the booklet for
Hex(55C55C) contains.

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Color

Hex(55C55C)

Conversions

Conversions Part 1

Format	Color
Hex	55C55C
RGB	85, 197, 92
RGB Percent	33%, 77%, 36%
CMY	0.6667, 0.2275, 0.6392
CMYK	0.57, 0.00, 0.53, 0.23
HSL	124°, 49%, 55%
HSV	124°, 57%, 77%
XYZ	25.6443, 42.6365, 17.0033
YIQ	151.5420, -33.0470, -56.3990

Conversions

Conversions Part 2

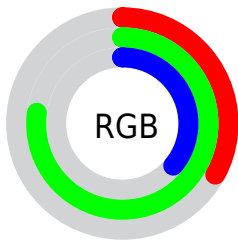
Format	Color
RYB	85, 190, 197
Decimal	5621084
CIELab	71.31, -53.24, 42.83
CIELCh	71, 68.327, 141.184
Yxy	42.6365, 0.3007, 0.4999
Android (android.graphics.Color)	4283811164 (0xFF55C55C)
YUV	151.5420, -29.3542, -58.3573
Hunter-Lab	65.2966, -44.1658, 30.2685

Details

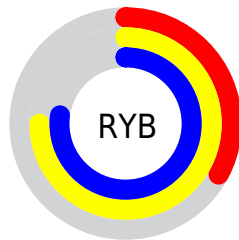
The Hex color **55C55C** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C555BE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **90FF91**, and **028E29** is the 20% darker color. If you saturate the color by 10%, you get **41C54A**, and if you desaturate by 10%, it is **69C56E**.

Distribution



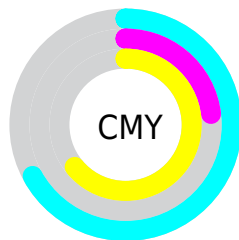
- Red (33%)
- Green (77%)
- Blue (36%)



- Red (33%)
- Yellow (75%)
- Blue (77%)



- Cyan (57%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (67%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C55C 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 55C55C by changing the saturation by 10% instead.



55C55C



55C55C

FFFFFF



35A943



90FF91



028E29



ADFFAC



00740C



CAFFC8



005A00



E8FFE4



004100



002B00



000900



000000



55C55C



55C55C

 41C54A

 69C56E

 2EC537

 7CC581

 1AC525

 90C593

 06C512

 A4C5A6

 00C50C

 B8C5B8

 CBC5CB

 DFC5DD

 F3C5F0

 FFC5FF

Harmonies

Analogous

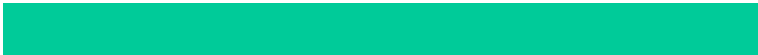
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B92C



55C55C



00CB99

Triad

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



55C55C



00BBFF



FF7785

Complementary

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



55C55C



C555BE

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.



FF75C4



55C55C



8DA6FF

Square

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



55C55C



00C7FF



E88BFD



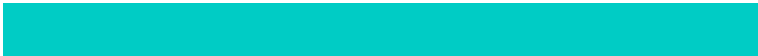
FF8C4E

Rectangle

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



55C55C



00CCC5



E88BFD



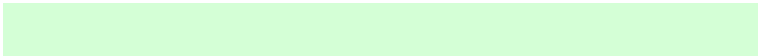
FF739A

Sweetspot

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



55C55C



D4FFD6



BFC555



668068



000000



808080

Same Dimension

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



55C55C



52FF5C



55C593



5A635A



00A30A



002402

Inverse Universe

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



C555BE



FF52F4



C55587



635A63



A30099



240021

Previews

White Background



This preview shows how the Hex color 55C55C looks on a white background.

Color Contrast Check

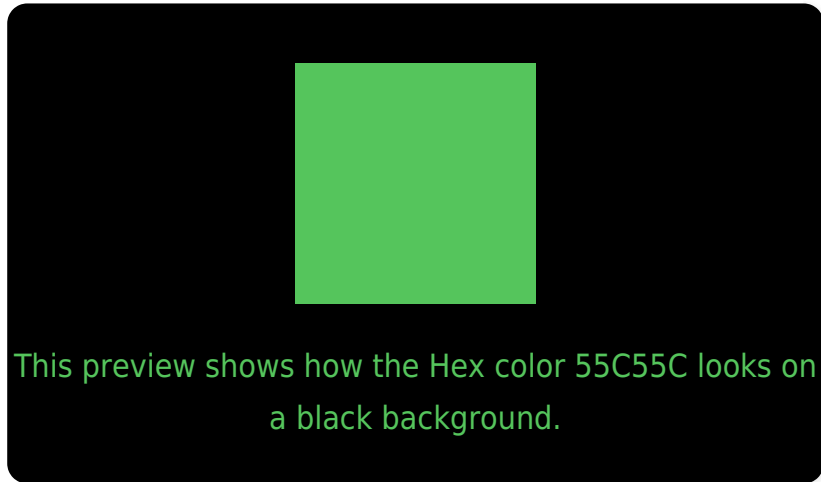
Large Text (above 18pt) WCAG AA × Fail

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 55C55C Background



This preview shows how black text looks on a background with the Hex color 55C55C.

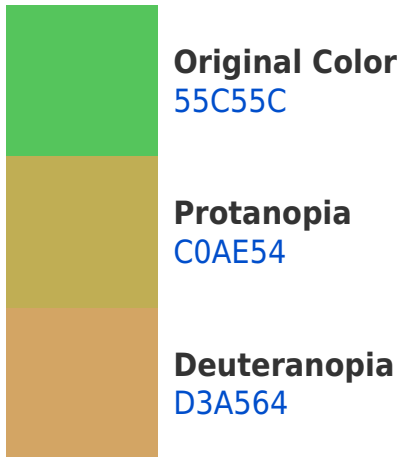


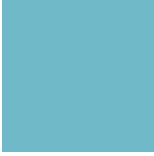
This preview shows how white text looks on a background with the Hex color 55C55C.

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](#).

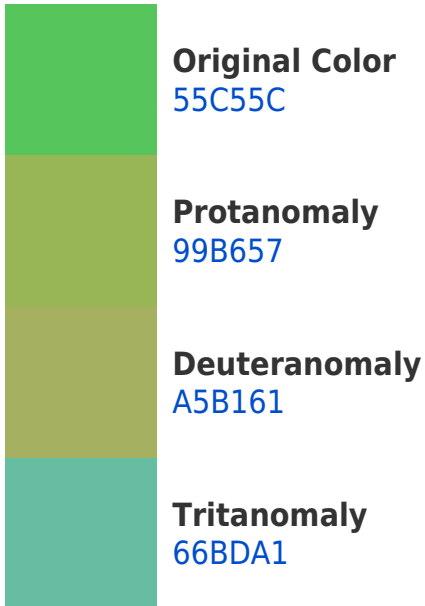
Dichromacy



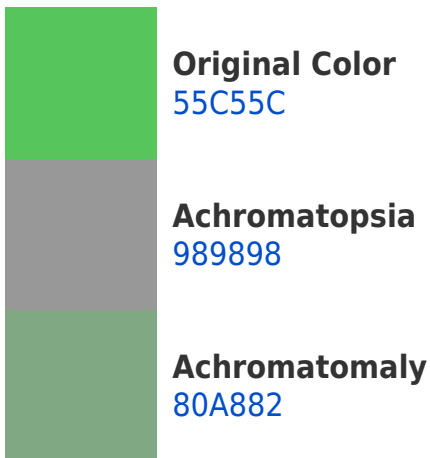


Tritanopia
6FB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55C55C 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 #55C55C looks like.

```
.text, #text, p{  
    color:#55C55C  
}
```

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 #55C55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C55C
}
```

Border

The CSS property to change the border of an element to Hex 55C55C 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
#55C55C }
```

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

```
.border{ border-color:#55C55C }
```

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

Here you see how a box with a 4 pixel #55C55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C55C; -webkit-box-shadow:4px 4px  
4px 4px #55C55C; box-shadow:4px 4px 4px  
4px #55C55C }
```

Background

The CSS property to change the background color of an element to Hex 55C55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C55C }
```

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

```
.background{ background-color:#55C55C }
```

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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