

Converting Colors

Hex(54CB55)

Have a look what the booklet for
Hex(54CB55) contains.

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Color

Hex(54CB55)

Conversions

Conversions Part 1

Format	Color
Hex	54CB55
RGB	84, 203, 85
RGB Percent	33%, 80%, 33%
CMY	0.6706, 0.2039, 0.6667
CMYK	0.59, 0.00, 0.58, 0.20
HSL	121°, 53%, 56%
HSV	121°, 59%, 80%
XYZ	26.6518, 45.2526, 15.9243
YIQ	153.9670, -33.0460, -61.9260

Conversions

Conversions Part 2

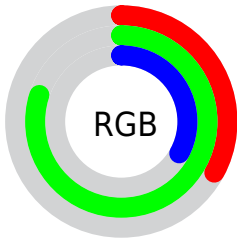
Format	Color
RYB	84, 202, 203
Decimal	5557077
CIELab	73.06, -56.61, 48.18
CIELCh	73, 74.330, 139.600
Yxy	45.2526, 0.3035, 0.5152
Android (android.graphics.Color)	4283747157 (0xFF54CB55)
YUV	153.9670, -34.0007, -61.3611
Hunter-Lab	67.2700, -47.0024, 33.0538

Details

The Hex color **54CB55** 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 **CB54CA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **90FF8A**, and **009420** is the 20% darker color. If you saturate the color by 10%, you get **40CB41**, and if you desaturate by 10%, it is **68CB69**.

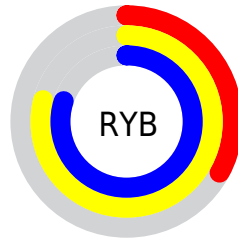
Distribution



Red (33%)

Green (80%)

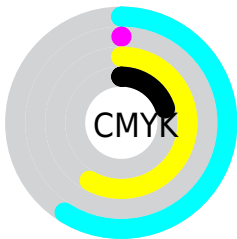
Blue (33%)



Red (33%)

Yellow (79%)

Blue (80%)

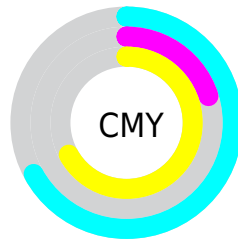


Cyan (59%)

Magenta (0%)

Yellow (58%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54CB55 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 54CB55 by changing the saturation by 10% instead.

 54CB55

 54CB55

FFFFFF

 32AF3B

 90FF8A

 009420

 ADFFA5

 007900

 CBFFC1

 005F00

 E9FFDE

 004600

 FFFFFB

 003000

 001300

 000000

 54CB55

 54CB55

 40CB41

 68CB69

 2BCB2D

 7DCB7D

 17CB19

 91CB91

 03CB04

 A5CBA6

 00CB02

 BACBBA

 CECBCE

 E2CBE2

 F6CBF6

 FFCBFF

Harmonies

Analogous

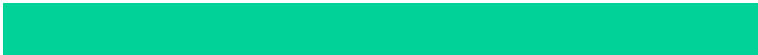
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AABD1B



54CB55



00D298

Triad

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



54CB55



00C2FF



FF738A

Complementary

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



54CB55



CB54CA

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.



FF73CE



54CB55



84ABFF

Square

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



54CB55



00CFFF



EE8DFF



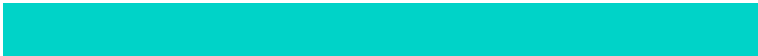
FF8B4C

Rectangle

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



54CB55



00D3C8



EE8DFF



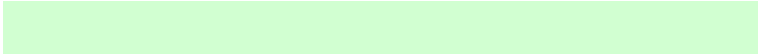
FF70A0

Sweetspot

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



54CB55



D1FFD1



CBCB54



638064



000000



808080

Same Dimension

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



54CB55



4DFF4E



54CB90



5C665C



00A601



002600

Inverse Universe

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



CB54CA



FF4DFE



CB5490



665C66



A600A4



260026

Previews

White Background



This preview shows how the Hex color 54CB55 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 54CB55 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

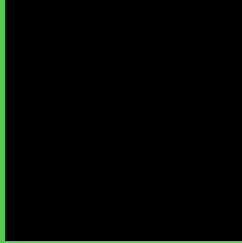
Any Text WCAG AA ✓ Pass

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 54CB55 Background



This preview shows how black text looks on a background with the Hex color 54CB55.

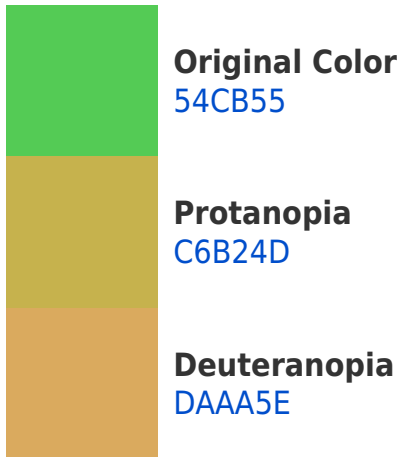


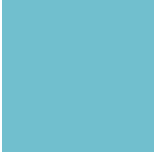
This preview shows how white text looks on a background with the Hex color 54CB55.

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





Trichromacy



Original Color
54CB55



Protanomaly
9DBB50



Deuteranomaly
A9B65B



Tritanomaly
66C3A2

Monochromacy



Original Color
54CB55



Achromatopsia
9A9A9A



Achromatomaly
81AC81

CSS Examples

Text

The CSS property to change the color of the text to Hex 54CB55 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 #54CB55 looks like.

```
.text, #text, p{  
    color:#54CB55  
}
```

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 #54CB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54CB55
}
```

Border

The CSS property to change the border of an element to Hex 54CB55 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
#54CB55 }
```

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

```
.border{ border-color:#54CB55 }
```

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

Here you see how a box with a 4 pixel #54CB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54CB55; -webkit-box-shadow:4px 4px  
4px 4px #54CB55; box-shadow:4px 4px 4px  
4px #54CB55 }
```

Background

The CSS property to change the background color of an element to Hex 54CB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54CB55 }
```

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

```
.background{ background-color:#54CB55 }
```

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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