

Converting Colors

Hex(55CB2C)

Have a look what the booklet for
Hex(55CB2C) contains.

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Color

Hex(55CB2C)

Conversions

Conversions Part 1

Format	Color
Hex	55CB2C
RGB	85, 203, 44
RGB Percent	33%, 80%, 17%
CMY	0.6667, 0.2039, 0.8275
CMYK	0.58, 0.00, 0.78, 0.20
HSL	105°, 64%, 48%
HSV	105°, 78%, 80%
XYZ	25.5569, 44.8250, 9.6880
YIQ	149.5920, -19.2890, -74.4650

Conversions

Conversions Part 2

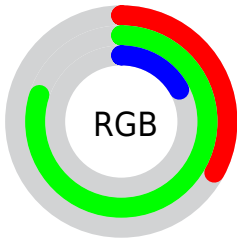
Format	Color
RYB	44, 203, 162
Decimal	5622572
CIELab	72.78, -59.94, 63.78
CIELCh	73, 87.520, 133.223
Yxy	44.8250, 0.3192, 0.5598
Android (android.graphics.Color)	4283812652 (0xFF55CB2C)
YUV	149.5920, -52.0569, -56.6472
Hunter-Lab	66.9515, -49.0277, 38.2867

Details

The Hex color **55CB2C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A22CCB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **92FF66**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **46CB18**, and if you desaturate by 10%, it is **64CB40**.

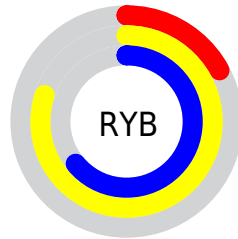
Distribution



Red (33%)

Green (80%)

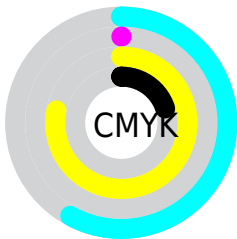
Blue (17%)



Red (17%)

Yellow (80%)

Blue (64%)

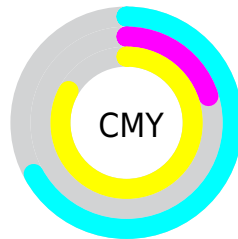


Cyan (58%)

Magenta (0%)

Yellow (78%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55CB2C 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 55CB2C by changing the saturation by 10% instead.

 55CB2C

 55CB2C

FFFFFF

 32AF00

 92FF66

 009400

 B0FF82

 007900

 CEFF9E

 005F00

 EDFFBB

 004600

 FFFFD7

 002F00

 FFFFF5

 001100

 000000

 55CB2C

 55CB2C

 46CB18

 64CB40

 37CB03

 73CB55

 34CB00

 82CB69

 91CB7D

 A0CB92

 AFCBA6

 BECBBA

 CECBCE

 DDCBE3

Harmonies

Analogous

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



B5BA00



55CB2C



00D481

Triad

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



55CB2C



00C8FF



FF5993

Complementary

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



55CB2C



A22CCB

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.



FF63E3



55CB2C



06B0FF

Square

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



55CB2C



00D4FF



E18BFF



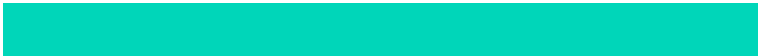
FF7947

Rectangle

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



55CB2C



00D6B9



E18BFF



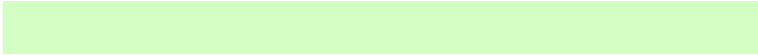
FF56AD

Sweetspot

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



55CB2C



D3FFC4



CBA12C



65805C



000000



808080

Same Dimension

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



55CB2C



4DFF0F



2CCB51



5E665C



2BA600



0A2600

Inverse Universe

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



A22CCB



C10FFF



CB2CA6



635C66



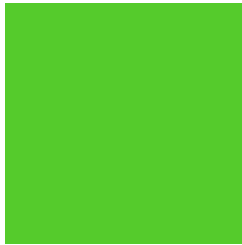
7B00A6



1C0026

Previews

White Background



This preview shows how the Hex color 55CB2C looks on a white background.

Color Contrast Check

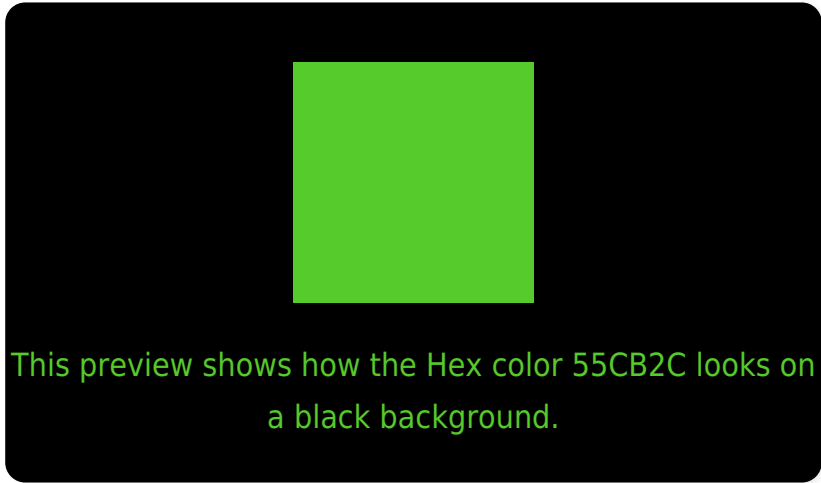
Large Text (above 18pt) WCAG AA × Fail

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

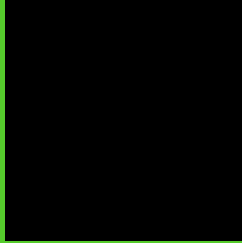
Any Text WCAG AA ✓ Pass

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 55CB2C Background



This preview shows how black text looks on a background with the Hex color 55CB2C.

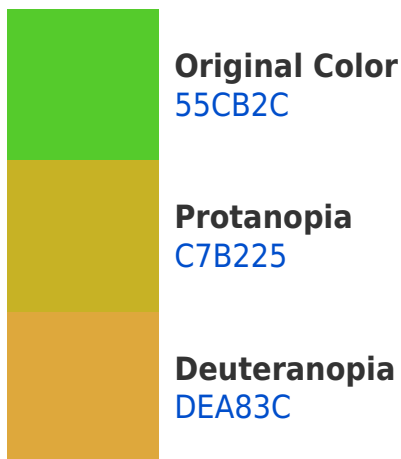


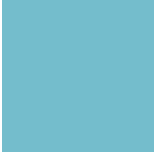
This preview shows how white text looks on a background with the Hex color 55CB2C.

Color Blindness Simulation

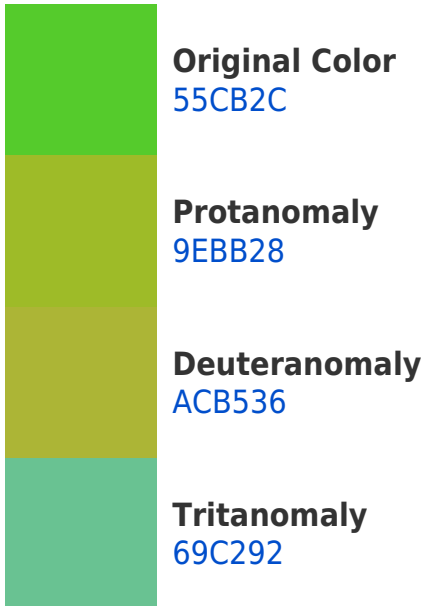
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

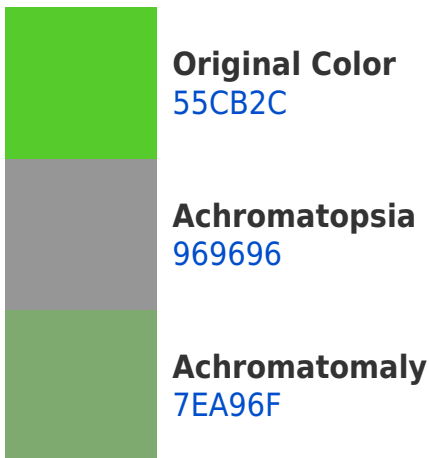




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55CB2C 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 #55CB2C looks like.

```
.text, #text, p{  
    color:#55CB2C  
}
```

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 #55CB2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CB2C
}
```

Border

The CSS property to change the border of an element to Hex 55CB2C 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
#55CB2C }
```

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

```
.border{ border-color:#55CB2C }
```

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

Here you see how a box with a 4 pixel #55CB2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CB2C; -webkit-box-shadow:4px 4px  
4px 4px #55CB2C; box-shadow:4px 4px 4px  
4px #55CB2C }
```

Background

The CSS property to change the background color of an element to Hex 55CB2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CB2C }
```

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

```
.background{ background-color:#55CB2C }
```

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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