

Converting Colors

Hex(56C34C)

Have a look what the booklet for
Hex(56C34C) contains.

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Color

Hex(56C34C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 56C34C |
| RGB | 86, 195, 76 |
| RGB Percent | 34%, 76%, 30% |
| CMY | 0.6627, 0.2353, 0.7020 |
| CMYK | 0.56, 0.00, 0.61, 0.24 |
| HSL | 115°, 50%, 53% |
| HSV | 115°, 61%, 76% |
| XYZ | 24.6574, 41.5304, 13.5541 |
| YIQ | 148.8430, -26.7650, -60.1170 |

Conversions

Conversions Part 2

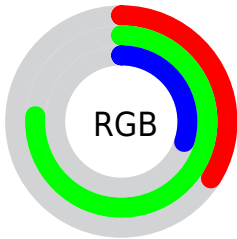
| Format | Color |
|-------------------------------------|--|
| RYB | 76, 195, 185 |
| Decimal | 5686092 |
| CIELab | 70.55, -54.15, 49.36 |
| CIELCh | 71, 73.271, 137.654 |
| Yxy | 41.5304, 0.3092, 0.5208 |
| Android (android.graphics.Color) | 4283876172 (0xFF56C34C) |
| YUV | 148.8430, -35.9116, -55.1133 |
| Hunter-Lab | 64.4441, -44.4802, 32.6408 |

Details

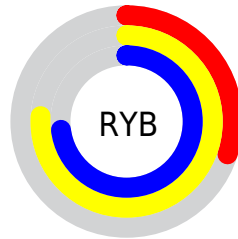
The Hex color **56C34C** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **B94CC3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **91FC81**, and **048C14** is the 20% darker color. If you saturate the color by 10%, you get **44C339**, and if you desaturate by 10%, it is **68C360**.

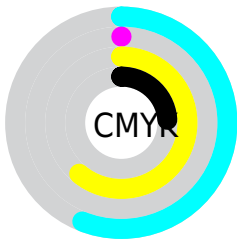
Distribution



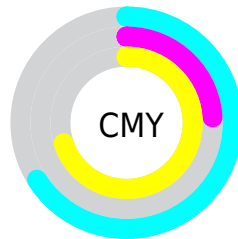
- Red (34%)
- Green (76%)
- Blue (30%)



- Red (30%)
- Yellow (76%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (61%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C34C 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 56C34C by changing the saturation by 10% instead.

 56C34C

 56C34C

FFFFFF

 36A732

 91FC81

 048C14

 AEF9C

 007200

 CBFFB8

 005800

 E9FFD4

 004000

 FFFFF1

 002900

 000400

 000000

 56C34C

 56C34C

 44C339

 68C360

 32C325

 7AC373

 20C312

 8CC386

 10C300

 9DC39A

 AFC3AE

 C1C3C1

 D3C3D5

 E5C3E8

 F7C3FC

Harmonies

Analogous

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



A8B511



56C34C



00CA8E

Triad

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



56C34C



00BCFF



FF6C88

Complementary

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



56C34C



B94CC3

Split Complementary

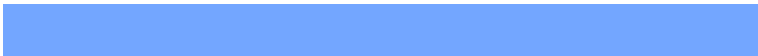
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6ECB



56C34C



73A6FF

Square

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



56C34C



00C8FF



E189FF



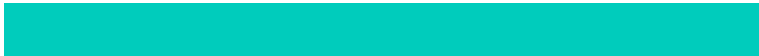
FF834B

Rectangle

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



56C34C



00CCBC



E189FF



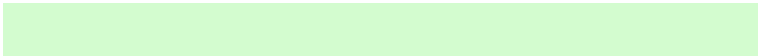
FF699E

Sweetspot

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



56C34C



D3FCCF



C3B74C



668063



000000



808080

Same Dimension

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



56C34C



54FC44



4CC37C



586157



0EA100



032100

Inverse Universe

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



B94CC3



ED44FC



C34C93



605761



9300A1



1E0021

Previews

White Background



This preview shows how the Hex color 56C34C looks on a white background.

Color Contrast Check

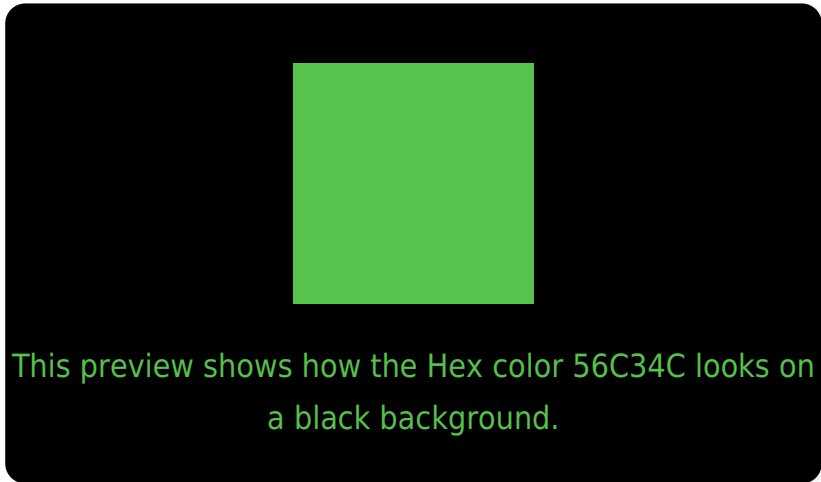
Large Text (above 18pt) WCAG AA × Fail

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

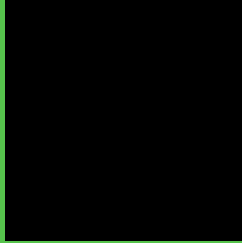
Any Text WCAG AA ✓ Pass

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 56C34C Background



This preview shows how black text looks on a background with the Hex color 56C34C.

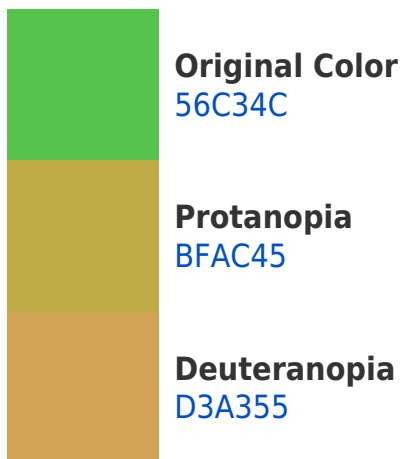


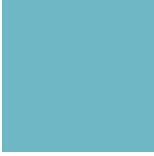
This preview shows how white text looks on a background with the Hex color 56C34C.

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
70B7C5

Trichromacy



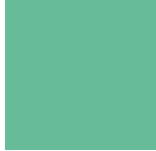
Original Color
56C34C



Protanomaly
99B448



Deuteranomaly
A6AF52

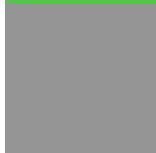


Tritanomaly
67BB99

Monochromacy



Original Color
56C34C



Achromatopsia
959595



Achromatomaly
7EA67A

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C34C 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 #56C34C looks like.

```
.text, #text, p{  
    color:#56C34C  
}
```

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 #56C34C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C34C
}
```

Border

The CSS property to change the border of an element to Hex 56C34C 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
#56C34C }
```

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

```
.border{ border-color:#56C34C }
```

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

Here you see how a box with a 4 pixel #56C34C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C34C; -webkit-box-shadow:4px 4px  
4px 4px #56C34C; box-shadow:4px 4px 4px  
4px #56C34C }
```

Background

The CSS property to change the background color of an element to Hex 56C34C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C34C }
```

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

```
.background{ background-color:#56C34C }
```

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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