

Converting Colors

Hex(58B35B)

Have a look what the booklet for
Hex(58B35B) contains.

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Color

Hex(58B35B)

Conversions

Conversions Part 1

Format	Color
Hex	58B35B
RGB	88, 179, 91
RGB Percent	35%, 70%, 36%
CMY	0.6549, 0.2980, 0.6431
CMYK	0.51, 0.00, 0.49, 0.30
HSL	122°, 37%, 52%
HSV	122°, 51%, 70%
XYZ	22.0329, 35.0702, 15.5055
YIQ	141.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

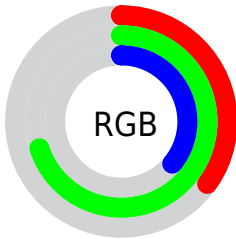
Format	Color
RYB	88, 176, 179
Decimal	5813083
CIELab	65.80, -45.45, 36.60
CIELCh	66, 58.356, 141.158
Yxy	35.0702, 0.3034, 0.4830
Android (android.graphics.Color)	4284003163 (0xFF58B35B)
YUV	141.7590, -25.0242, -47.1466
Hunter-Lab	59.2201, -37.2241, 25.9303

Details

The Hex color **58B35B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B358B0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **90EB8F**, and **1A7D2A** is the 20% darker color. If you saturate the color by 10%, you get **46B34A**, and if you desaturate by 10%, it is **6AB36C**.

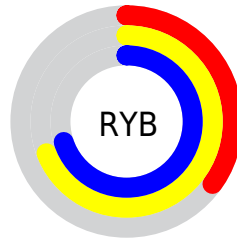
Distribution



Red (35%)

Green (70%)

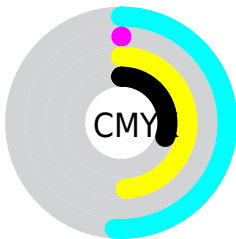
Blue (36%)



Red (35%)

Yellow (69%)

Blue (70%)

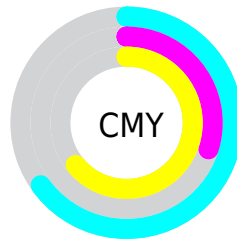


Cyan (51%)

Magenta (0%)

Yellow (49%)

Black (30%)



Cyan (65%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58B35B 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 58B35B by changing the saturation by 10% instead.

 58B35B

 58B35B

FFFFFF

 3B9842

 90EB8F

 1A7D2A

 ACFFAA

 006410

 C9FFC5

 004B00

 E6FFE2

 003300

 001D00

 000000

 58B35B

 58B35B

 46B34A

 6AB36C

 34B338

 7CB37E

 22B327

 8EB38F

 10B316

 A0B3A0

 00B306

 B2B3B2

 C3B3C3

 D5B3D4

 E7B3E5

 F9B3F7

Harmonies

Analogous

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



98A836



58B35B



00B88E

Triad

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



58B35B



00A AFF



FF737D

Complementary

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



58B35B



B358B0

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.



F772B2



58B35B



8698FF

Square

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



58B35B



00B5F0



D182E2



EE834F

Rectangle

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



58B35B



00B9B2



D182E2



FF708E

Sweetspot

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



58B35B



C5E8C6



B1B358



607561



F5F5F5



757575

Same Dimension

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



58B35B



5AE85F



58B387



505951



009905



001A01

Inverse Universe

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



B358B0



E85AE3



B35884



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color 58B35B looks on a white background.

Color Contrast Check

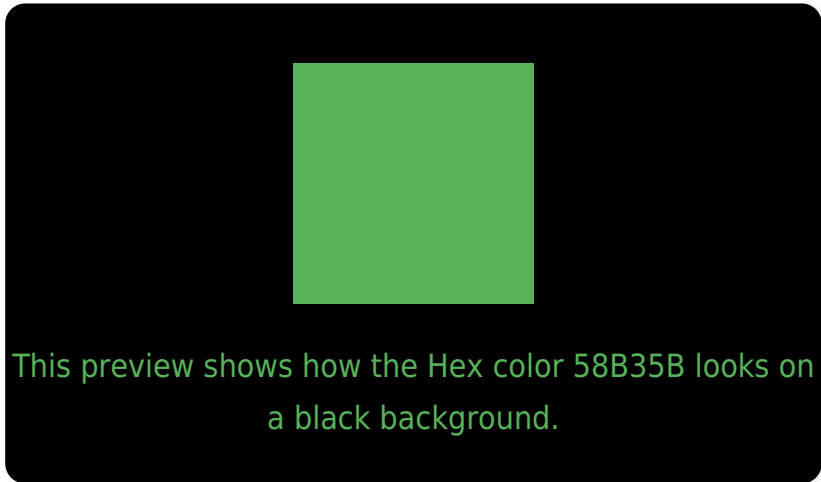
Large Text (above 18pt) WCAG AA × Fail

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 58B35B Background



This preview shows how black text looks on a background with the Hex color 58B35B.

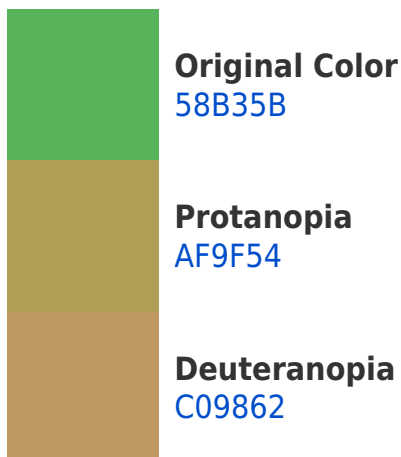


This preview shows how white text looks on a background with the Hex color 58B35B.

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
6CA9B6

Trichromacy



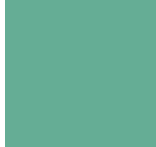
Original Color
58B35B



Protanomaly
8FA657



Deuteranomaly
9AA25F



Tritanomaly
65AD95

Monochromacy



Original Color
58B35B



Achromatopsia
8E8E8E



Achromatomaly
7A9B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 58B35B 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 #58B35B looks like.

```
.text, #text, p{  
    color:#58B35B  
}
```

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 #58B35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B35B  
}
```

Border

The CSS property to change the border of an element to Hex 58B35B 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  
#58B35B }
```

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

```
.border{ border-color:#58B35B }
```

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

Here you see how a box with a 4 pixel #58B35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B35B; -webkit-box-shadow:4px 4px  
4px 4px #58B35B; box-shadow:4px 4px 4px  
4px #58B35B }
```

Background

The CSS property to change the background color of an element to Hex 58B35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B35B }
```

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

```
.background{ background-color:#58B35B }
```

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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