

Converting Colors

Hex(55BD5B)

Have a look what the booklet for
Hex(55BD5B) contains.

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Color

Hex(55BD5B)

Conversions

Conversions Part 1

Format	Color
Hex	55BD5B
RGB	85, 189, 91
RGB Percent	33%, 74%, 36%
CMY	0.6667, 0.2588, 0.6431
CMYK	0.55, 0.00, 0.52, 0.26
HSL	123°, 44%, 54%
HSV	123°, 55%, 74%
XYZ	23.8322, 39.0818, 16.1850
YIQ	146.7320, -30.5260, -52.5260

Conversions

Conversions Part 2

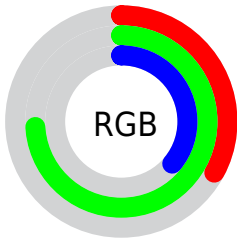
Format	Color
RYB	85, 183, 189
Decimal	5619035
CIELab	68.81, -50.27, 40.28
CIELCh	69, 64.418, 141.296
Yxy	39.0818, 0.3013, 0.4941
Android (android.graphics.Color)	4283809115 (0xFF55BD5B)
YUV	146.7320, -27.4759, -54.1390
Hunter-Lab	62.5155, -41.3540, 28.4109

Details

The Hex color **55BD5B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD55B7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8FF68F**, and **0B8729** is the 20% darker color. If you saturate the color by 10%, you get **42BD49**, and if you desaturate by 10%, it is **68BD6D**.

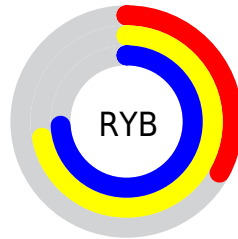
Distribution



Red (33%)

Green (74%)

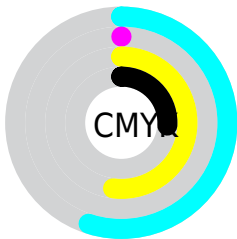
Blue (36%)



Red (33%)

Yellow (72%)

Blue (74%)

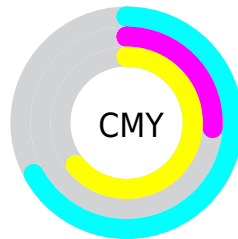


Cyan (55%)

Magenta (0%)

Yellow (52%)

Black (26%)



Cyan (67%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BD5B 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 55BD5B by changing the saturation by 10% instead.

 55BD5B

 55BD5B

FFFFFF

 36A142

 8FF68F

 0B8729

 ABFFAA

 006C0D

 C8FFC6

 005300

 E6FFE2

 003B00

 002500

 000000

 55BD5B

 55BD5B

 42BD49

 68BD6D

 2FBD37

 7BBD7F

 1CBD26

 8EBD90

 09BD14

 A1BDA2

 00BD0B

 B3BDB4

 C6BDC6

 D9BDD8

 ECBDE9

 FFBDFB

Harmonies

Analogous

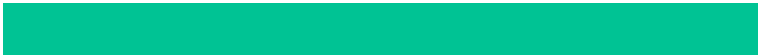
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EB130



55BD5B



00C394

Triad

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



55BD5B



00B3FF



FF7481

Complementary

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



55BD5B



BD55B7

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.



FF73BB



55BD5B



8AA0FF

Square

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



55BD5B



00BFFF



DE86F2



FD884E

Rectangle

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



55BD5B



00C4BD



DE86F2



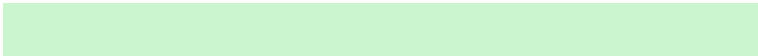
FF7194

Sweetspot

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



55BD5B



CBF5CE



B8BD55



627A63



FAFAFA



7A7A7A

Same Dimension

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



55BD5B



53F55D



55BD8E



555E55



009E09



001F02

Inverse Universe

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



BD55B7



F553EB



BD5584



5E555E



9E0095



1F001D

Previews

White Background



This preview shows how the Hex color 55BD5B 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 55BD5B 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 55BD5B Background



This preview shows how black text looks on a background with the Hex color 55BD5B.

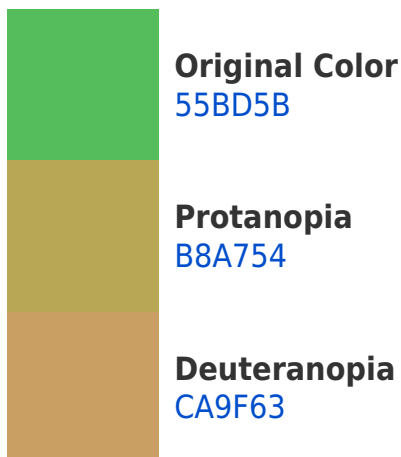


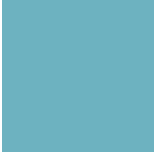
This preview shows how white text looks on a background with the Hex color 55BD5B.

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
6DB2C0

Trichromacy



Original Color
55BD5B



Protanomaly
94AF57



Deuteranomaly
9FAA60



Tritanomaly
64B69B

Monochromacy



Original Color
55BD5B



Achromatopsia
939393



Achromatomaly
7CA27F

CSS Examples

Text

The CSS property to change the color of the text to Hex 55BD5B 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 #55BD5B looks like.

```
.text, #text, p{  
    color:#55BD5B  
}
```

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 #55BD5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BD5B
}
```

Border

The CSS property to change the border of an element to Hex 55BD5B 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
#55BD5B }
```

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

```
.border{ border-color:#55BD5B }
```

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

Here you see how a box with a 4 pixel #55BD5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BD5B; -webkit-box-shadow:4px 4px  
4px 4px #55BD5B; box-shadow:4px 4px 4px  
4px #55BD5B }
```

Background

The CSS property to change the background color of an element to Hex 55BD5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BD5B }
```

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

```
.background{ background-color:#55BD5B }
```

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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