

Converting Colors

Hex(55BD3D)

Have a look what the booklet for
Hex(55BD3D) contains.

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Color

Hex(55BD3D)

Conversions

Conversions Part 1

Format	Color
Hex	55BD3D
RGB	85, 189, 61
RGB Percent	33%, 74%, 24%
CMY	0.6667, 0.2588, 0.7608
CMYK	0.55, 0.00, 0.68, 0.26
HSL	109°, 51%, 49%
HSV	109°, 68%, 74%
XYZ	22.7862, 38.6634, 10.6767
YIQ	143.3120, -20.8960, -61.8560

Conversions

Conversions Part 2

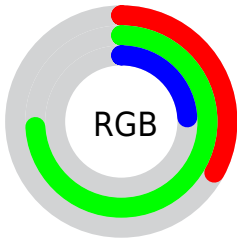
Format	Color
RYB	61, 189, 165
Decimal	5619005
CIELab	68.51, -53.64, 53.47
CIElCh	69, 75.744, 135.090
Yxy	38.6634, 0.3159, 0.5361
Android (android.graphics.Color)	4283809085 (0xFF55BD3D)
YUV	143.3120, -40.5798, -51.1396
Hunter-Lab	62.1799, -43.4024, 33.3454

Details

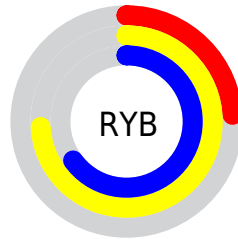
The Hex color **55BD3D** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **A53DBD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **90F673**, and **038700** is the 20% darker color. If you saturate the color by 10%, you get **46BD2A**, and if you desaturate by 10%, it is **64BD50**.

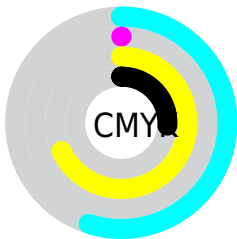
Distribution



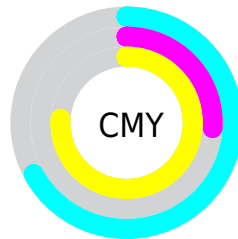
- Red (33%)
- Green (74%)
- Blue (24%)



- Red (24%)
- Yellow (74%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (68%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BD3D 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 55BD3D by changing the saturation by 10% instead.

 55BD3D

 55BD3D

FFFFFF

 35A120

 90F673

 038700

 ADF8E

 006C00

 CAFFA9

 005300

 E8FFC5

 003B00

 FFFFE2

 002400

 000000

 55BD3D

 55BD3D

 46BD2A

 64BD50

 36BD17

 74BD63

 27BD04

 83BD76

 23BD00

 92BD89

 A2BD9C

 B1BDAE

 C0BDC1

 D0BDD4

 DFBDE7

Harmonies

Analogous

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



A7AF00



55BD3D



00C481

Triad

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



55BD3D



00B9FF



FF6187

Complementary

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



55BD3D



A53DBD

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.



FF66CC



55BD3D



54A3FF

Square

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



55BD3D



00C3FF



D584FF



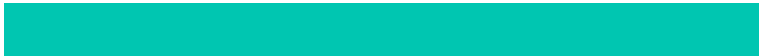
FF7948

Rectangle

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



55BD3D



00C6B1



D584FF



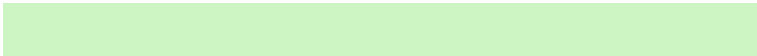
FF5F9E

Sweetspot

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



55BD3D



CDF5C4



BDA33D



637A5D



FAFAFA



7A7A7A

Same Dimension

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



55BD3D



54F52F



3DBD63



575E55



1E9E00



061F00

Inverse Universe

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



A53DBD



D02FF5



BD3D97



5D555E



80009E



19001F

Previews

White Background



This preview shows how the Hex color 55BD3D looks on a white background.

Color Contrast Check

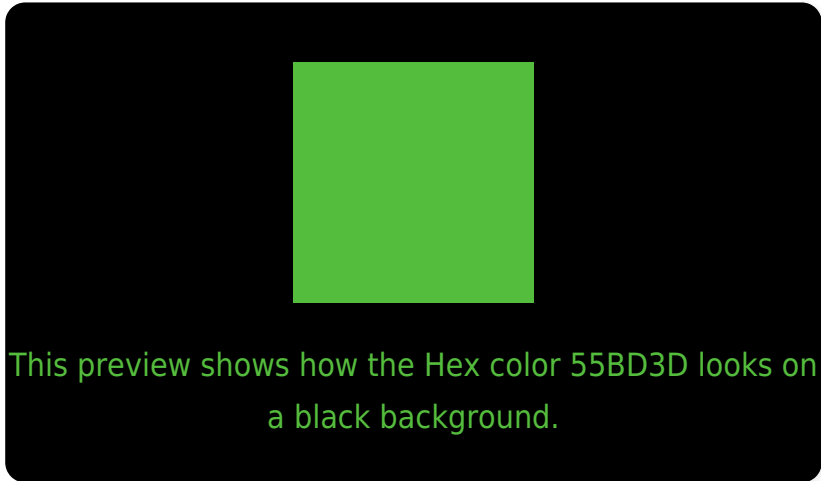
Large Text (above 18pt) WCAG AA × Fail

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 55BD3D Background



This preview shows how black text looks on a background with the Hex color 55BD3D.

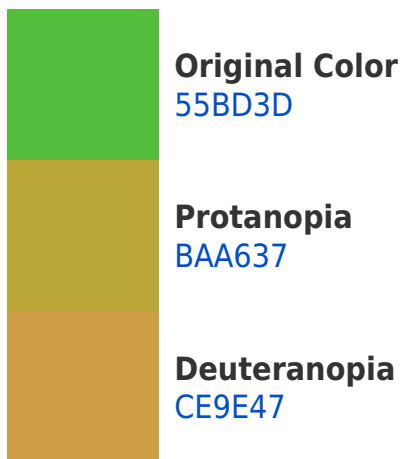


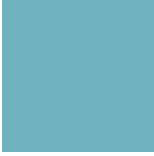
This preview shows how white text looks on a background with the Hex color 55BD3D.

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
6FB1BF

Trichromacy



Original Color
55BD3D



Protanomaly
95AE39



Deuteranomaly
A2A943



Tritanomaly
66B590

Monochromacy



Original Color
55BD3D



Achromatopsia
8F8F8F



Achromatomaly
7AA071

CSS Examples

Text

The CSS property to change the color of the text to Hex 55BD3D 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 #55BD3D looks like.

```
.text, #text, p{  
    color:#55BD3D  
}
```

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 #55BD3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BD3D
}
```

Border

The CSS property to change the border of an element to Hex 55BD3D 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
#55BD3D }
```

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

```
.border{ border-color:#55BD3D }
```

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

Here you see how a box with a 4 pixel #55BD3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BD3D; -webkit-box-shadow:4px 4px  
4px 4px #55BD3D; box-shadow:4px 4px 4px  
4px #55BD3D }
```

Background

The CSS property to change the background color of an element to Hex 55BD3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BD3D }
```

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

```
.background{ background-color:#55BD3D }
```

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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