

Converting Colors

Hex(53BD2D)

Have a look what the booklet for
Hex(53BD2D) contains.

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Color

Hex(53BD2D)

Conversions

Conversions Part 1

Format	Color
Hex	53BD2D
RGB	83, 189, 45
RGB Percent	33%, 74%, 18%
CMY	0.6745, 0.2588, 0.8235
CMYK	0.56, 0.00, 0.76, 0.26
HSL	104°, 62%, 46%
HSV	104°, 76%, 74%
XYZ	22.2385, 38.4237, 8.7270
YIQ	140.8900, -16.9520, -67.2560

Conversions

Conversions Part 2

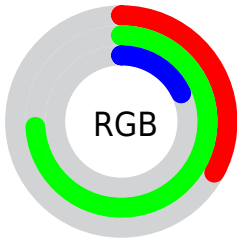
Format	Color
RYB	45, 189, 151
Decimal	5487917
CIELab	68.33, -55.40, 59.17
CIELCh	68, 81.054, 133.115
Yxy	38.4237, 0.3205, 0.5537
Android (android.graphics.Color)	4283677997 (0xFF53BD2D)
YUV	140.8900, -47.2738, -50.7695
Hunter-Lab	61.9868, -44.4379, 35.0434

Details

The Hex color **53BD2D** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **972DBD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FF665**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **45BD1A**, and if you desaturate by 10%, it is **61BD40**.

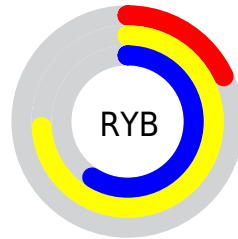
Distribution



Red (33%)

Green (74%)

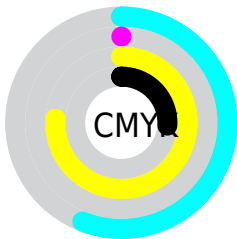
Blue (18%)



Red (18%)

Yellow (74%)

Blue (59%)

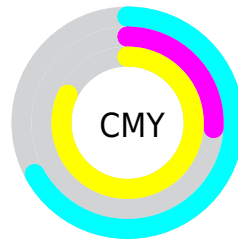


Cyan (56%)

Magenta (0%)

Yellow (76%)

Black (26%)



Cyan (67%)

Magenta (26%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BD2D 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 53BD2D by changing the saturation by 10% instead.

 53BD2D

 53BD2D

FFFFFF

 32A105

 8FF665

 008600

 ACFF81

 006C00

 CAFF9C

 005300

 E7FFB8

 003B00

 FFFFD5

 002400

 FFFFF2

 000000

 53BD2D

 53BD2D

 45BD1A

 61BD40

 37BD07

 6FBD53

 32BD00

 7DBD66

 8BBD79

 99BD8C

 A6BD9E

 B4BDB1

 C2BDC4

 D0BDD7

Harmonies

Analogous

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



AAAD00



53BD2D



00C579

Triad

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



53BD2D



00BAFF



FF578A

Complementary

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



53BD2D



972DBD

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.



FF60D3



53BD2D



21A5FF

Square

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



53BD2D



00C5FF



D183FF



FF7244

Rectangle

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



53BD2D



00C7AC



D183FF



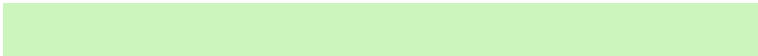
FF55A2

Sweetspot

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



53BD2D



CBF5BC



BD972D



617A58



FAFAFA



7A7A7A

Same Dimension

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



53BD2D



51F516



2DBD4F



575E55



2A9E00



081F00

Inverse Universe

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



972DBD



BA16F5



BD2D9B



5C555E



74009E



17001F

Previews

White Background



This preview shows how the Hex color 53BD2D looks on a white background.

Color Contrast Check

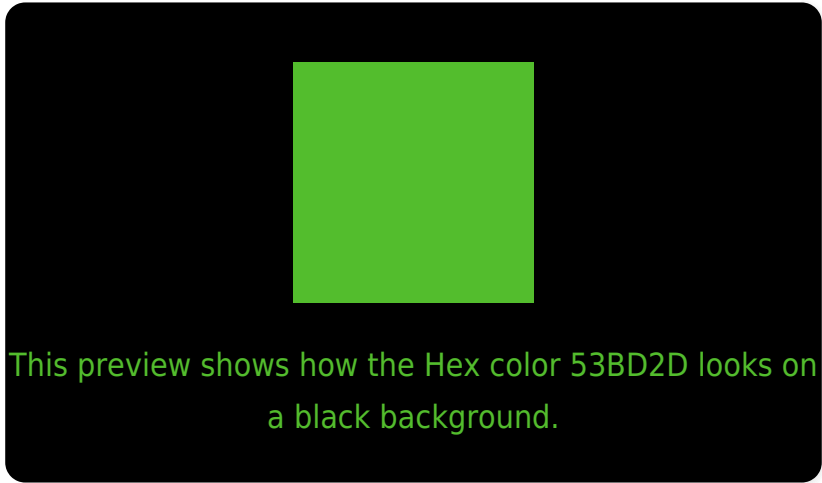
Large Text (above 18pt) WCAG AA × Fail

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

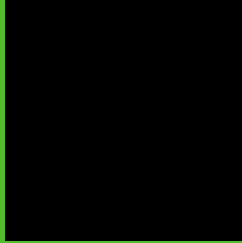
Any Text WCAG AA ✓ Pass

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 53BD2D Background



This preview shows how black text looks on a background with the Hex color 53BD2D.



This preview shows how white text looks on a background with the Hex color 53BD2D.

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](#).

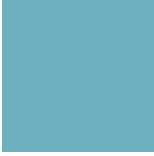
Dichromacy



Original Color
53BD2D

Protanopia
BAA627

Deuteranopia
CF9D3A



Tritanopia
6EBOBE

Trichromacy



Original Color
53BD2D



Protanomaly
95AE29



Deuteranomaly
A2A935



Tritanomaly
64B589

Monochromacy



Original Color
53BD2D



Achromatopsia
8D8D8D



Achromatomaly
789E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BD2D 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 #53BD2D looks like.

```
.text, #text, p{  
    color:#53BD2D  
}
```

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 #53BD2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BD2D
}
```

Border

The CSS property to change the border of an element to Hex 53BD2D 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
#53BD2D }
```

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

```
.border{ border-color:#53BD2D }
```

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

Here you see how a box with a 4 pixel #53BD2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BD2D; -webkit-box-shadow:4px 4px  
4px 4px #53BD2D; box-shadow:4px 4px 4px  
4px #53BD2D }
```

Background

The CSS property to change the background color of an element to Hex 53BD2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BD2D }
```

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

```
.background{ background-color:#53BD2D }
```

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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