

Converting Colors

Hex(52BF5D)

Have a look what the booklet for
Hex(52BF5D) contains.

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Color

Hex(52BF5D)

Conversions

Conversions Part 1

Format	Color
Hex	52BF5D
RGB	82, 191, 93
RGB Percent	32%, 75%, 36%
CMY	0.6784, 0.2510, 0.6353
CMYK	0.57, 0.00, 0.51, 0.25
HSL	126°, 46%, 54%
HSV	126°, 57%, 75%
XYZ	24.0863, 39.8458, 16.7774
YIQ	147.2370, -33.5060, -53.5860

Conversions

Conversions Part 2

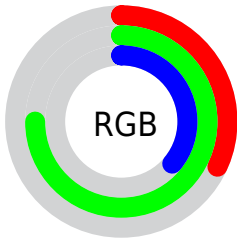
Format	Color
RYB	82, 181, 191
Decimal	5422941
CIELab	69.36, -51.52, 39.95
CIElCh	69, 65.195, 142.210
Yxy	39.8458, 0.2984, 0.4937
Android (android.graphics.Color)	4283613021 (0xFF52BF5D)
YUV	147.2370, -26.7388, -57.2128
Hunter-Lab	63.1235, -42.3552, 28.4279

Details

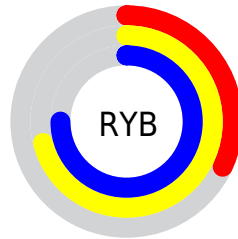
The Hex color **52BF5D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BF52B4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8CF891**, and **00882B** is the 20% darker color. If you saturate the color by 10%, you get **3FBF4C**, and if you desaturate by 10%, it is **65BF6E**.

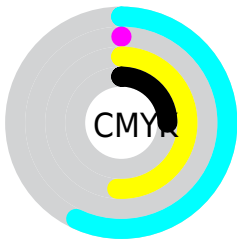
Distribution



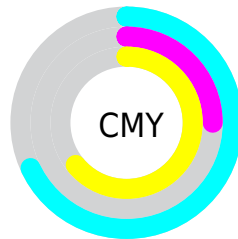
- Red (32%)
- Green (75%)
- Blue (36%)



- Red (32%)
- Yellow (71%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (25%)



- Cyan (68%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52BF5D 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 52BF5D by changing the saturation by 10% instead.

 52BF5D

 52BF5D

FFFFFF

 32A344

 8CF891

 00882B

 A9FFAC

 006E10

 C6FFC8

 005500

 E4FFE5

 003C00

 002600

 000000

 52BF5D

 52BF5D

 3FBF4C

 65BF6E

 2CBF3B

 78BF7F

 19BF29

 8BBF91

 06BF18

 9EBFA2

 00BF13

 B2BFB3

 C5BFC4

 D8BFD5

 EBBFE6

 FEBFF8

Harmonies

Analogous

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



9EB330



52BF5D



00C597

Triad

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



52BF5D



00B5FF



FF7580

Complementary

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



52BF5D



BF52B4

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



52BF5D



8EA0FF

Square

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



52BF5D



00C1FF



E287F3



FF8A4D

Rectangle

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



52BF5D



00C6C1



E287F3



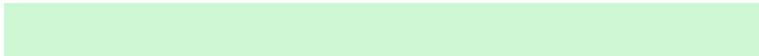
FF7294

Sweetspot

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



52BF5D



CDF7D2



B4BF52



647D66



FCFCFC



7D7D7D

Same Dimension

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



52BF5D



4FF760



52BF93



555E56



009E10



001F03

Inverse Universe

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



BF52B4



F74FE6



BF527E



5E555D



9E008E



1F001C

Previews

White Background



This preview shows how the Hex color 52BF5D looks on a white background.

Color Contrast Check

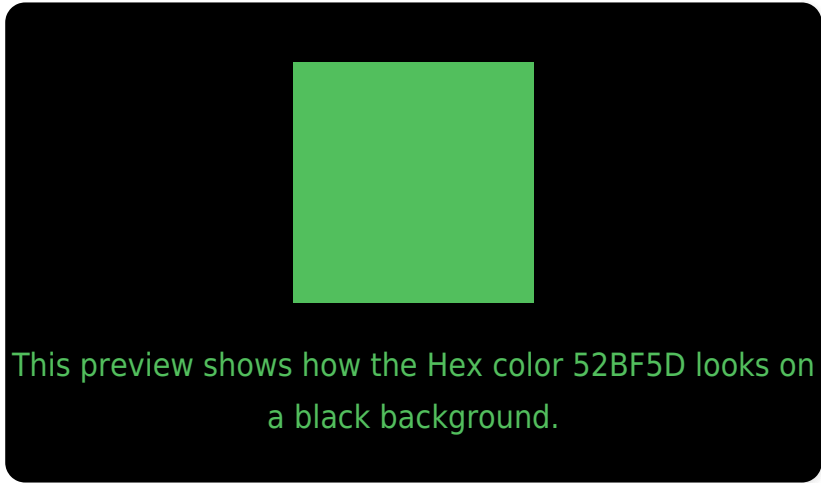
Large Text (above 18pt) WCAG AA × Fail

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

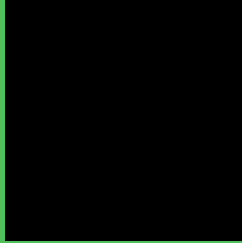
Any Text WCAG AA ✓ Pass

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 52BF5D Background



This preview shows how black text looks on a background with the Hex color 52BF5D.

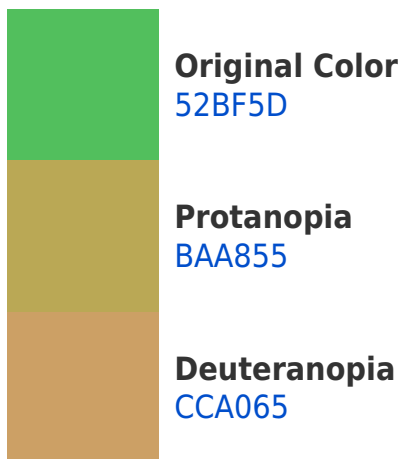


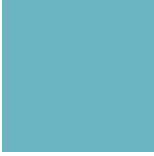
This preview shows how white text looks on a background with the Hex color 52BF5D.

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
6BB4C2

Trichromacy



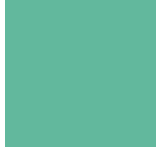
Original Color
52BF5D



Protanomaly
94B058



Deuteranomaly
A0AB62



Tritanomaly
62B89D

Monochromacy



Original Color
52BF5D



Achromatopsia
939393



Achromatomaly
7BA37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 52BF5D 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 #52BF5D looks like.

```
.text, #text, p{  
    color:#52BF5D  
}
```

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 #52BF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BF5D
}
```

Border

The CSS property to change the border of an element to Hex 52BF5D 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
#52BF5D }
```

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

```
.border{ border-color:#52BF5D }
```

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

Here you see how a box with a 4 pixel #52BF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BF5D; -webkit-box-shadow:4px 4px  
4px 4px #52BF5D; box-shadow:4px 4px 4px  
4px #52BF5D }
```

Background

The CSS property to change the background color of an element to Hex 52BF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BF5D }
```

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

```
.background{ background-color:#52BF5D }
```

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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