

Converting Colors

Hex(53C676)

Have a look what the booklet for
Hex(53C676) contains.

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Color

Hex(53C676)

Conversions

Conversions Part 1

Format	Color
Hex	53C676
RGB	83, 198, 118
RGB Percent	33%, 78%, 46%
CMY	0.6745, 0.2235, 0.5373
CMYK	0.58, 0.00, 0.40, 0.22
HSL	138°, 50%, 55%
HSV	138°, 58%, 78%
XYZ	27.0314, 43.5352, 24.1180
YIQ	154.4950, -42.8600, -49.2600

Conversions

Conversions Part 2

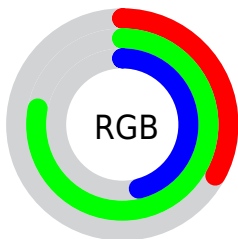
Format	Color
RYB	83, 171, 198
Decimal	5490294
CIELab	71.92, -50.14, 30.57
CIELCh	72, 58.724, 148.630
Yxy	43.5352, 0.2855, 0.4598
Android (android.graphics.Color)	4283680374 (0xFF53C676)
YUV	154.4950, -17.9920, -62.7011
Hunter-Lab	65.9812, -42.3386, 24.5147

Details

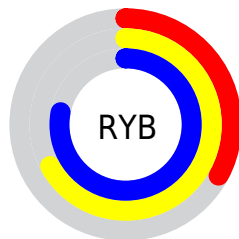
The Hex color **53C676** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C653A3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8EFFAB**, and **008F44** is the 20% darker color. If you saturate the color by 10%, you get **3FC668**, and if you desaturate by 10%, it is **67C684**.

Distribution



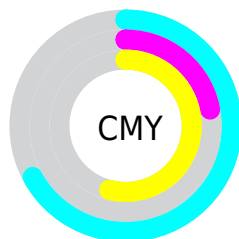
- Red (33%)
- Green (78%)
- Blue (46%)



- Red (33%)
- Yellow (67%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C676 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 53C676 by changing the saturation by 10% instead.

 53C676

 53C676

FFFFFF

 33AA5D

 8EFFAB

 008F44

 ABFFC6

 00752D

 C8FFE3

 005B15

 E5FFFF

 004200

 002D00

 000D00

 000000

 53C676

 53C676

 3FC668

 67C684

 2BC65A

 7BC692

 18C64D

 8EC69F

 04C63F

 A2C6AD

 00C63C

 B6C6BB

 CAC6C9

 DEC6D6

 F1C6E4

 FFC6F2

Harmonies

Analogous

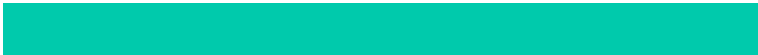
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBC4D



53C676



00CAAC

Triad

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



53C676



2DB7FF



FF8680

Complementary

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



53C676



C653A3

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.



FF81B5



53C676



AEA3FF

Square

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



53C676



00C4FF



F08EE9



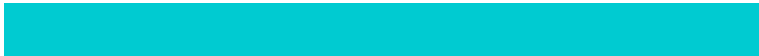
FA9955

Rectangle

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



53C676



00CBD1



F08EE9



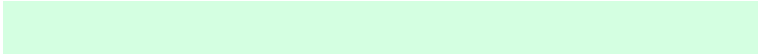
FF8391

Sweetspot

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



53C676



D4FFE1



A4C653



66806E



000000



808080

Same Dimension

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



53C676



4DFF83



53C6AF



5A635D



00A332



00240B

Inverse Universe

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



C653A3



FF4DC9



C6536A



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 53C676 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 53C676 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 53C676 Background



This preview shows how black text looks on a background with the Hex color 53C676.

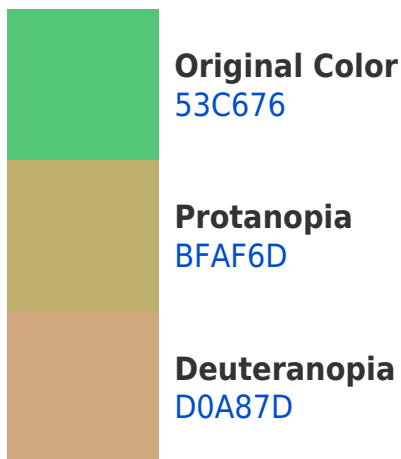


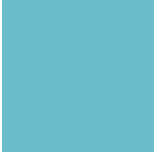
This preview shows how white text looks on a background with the Hex color 53C676.

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
6BBCCB

Trichromacy



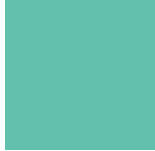
Original Color
53C676



Protanomaly
98B770



Deuteranomaly
A3B37A



Tritanomaly
62C0AC

Monochromacy



Original Color
53C676



Achromatopsia
9A9A9A



Achromatomaly
80AA8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C676 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 #53C676 looks like.

```
.text, #text, p{  
    color:#53C676  
}
```

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 #53C676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C676
}
```

Border

The CSS property to change the border of an element to Hex 53C676 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
#53C676 }
```

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

```
.border{ border-color:#53C676 }
```

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

Here you see how a box with a 4 pixel #53C676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C676; -webkit-box-shadow:4px 4px  
4px 4px #53C676; box-shadow:4px 4px 4px  
4px #53C676 }
```

Background

The CSS property to change the background color of an element to Hex 53C676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C676 }
```

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

```
.background{ background-color:#53C676 }
```

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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