

# Converting Colors

Hex(53C476)

Have a look what the booklet for  
Hex(53C476) contains.

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# **Color**

**Hex(53C476)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 53C476                       |
| RGB         | 83, 196, 118                 |
| RGB Percent | 33%, 77%, 46%                |
| CMY         | 0.6745, 0.2314, 0.5373       |
| CMYK        | 0.58, 0.00, 0.40, 0.23       |
| HSL         | 139°, 49%, 55%               |
| HSV         | 139°, 58%, 77%               |
| XYZ         | 26.5772, 42.6269, 23.9666    |
| YIQ         | 153.3210, -42.3100, -48.2140 |

# Conversions

## Conversions Part 2

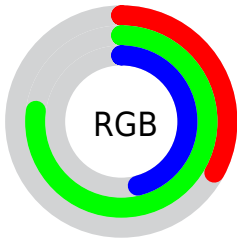
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">83, 169, 196</a>                     |
| Decimal                             | <a href="#">5489782</a>                          |
| CIELab                              | <a href="#">71.30, -49.34, 29.76</a>             |
| CIELCh                              | <a href="#">71, 57.620, 148.900</a>              |
| Yxy                                 | <a href="#">42.6269, 0.2853,<br/>0.4575</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283679862<br/>(0xFF53C476)</a>      |
| YUV                                 | <a href="#">153.3210, -17.4133,<br/>-61.6715</a> |
| Hunter-Lab                          | <a href="#">65.2892, -41.5944,<br/>23.9381</a>   |

# Details

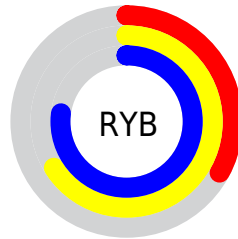
The Hex color **53C476** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C453A1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8DFDAB**, and **008D44** is the 20% darker color. If you saturate the color by 10%, you get **3FC468**, and if you desaturate by 10%, it is **67C484**.

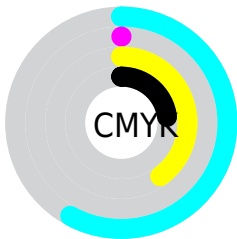
# Distribution



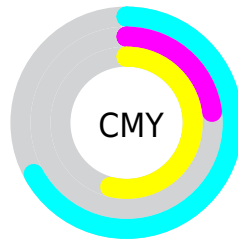
- Red (33%)
- Green (77%)
- Blue (46%)



- Red (33%)
- Yellow (66%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (67%)
- Magenta (23%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53C476 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 53C476 by changing the saturation by 10% instead.



 53C476

 53C476

FFFFFF

 33A85D


 8DFDAB

 008D44

 AAFFC6

 00732D

 C7FFE3


 005915

 E5FFFF

 004100

 002B00

 000900

 000000

 53C476

 53C476

 3FC468

 67C484

 2CC45B

 7AC491

 18C44D

 8EC49F

 05C440

 A1C4AC

 00C43D

 B5C4BA

 C9C4C7

 DCC4D5

 F0C4E2

 FFC4F0

# Harmonies

## Analogous

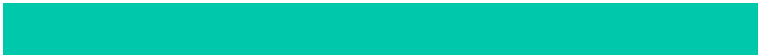
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99BA4D



53C476



00C8AB

# Triad

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



53C476



34B5FF



FF867F

# Complementary

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



53C476



C453A1

# 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.



FF80B3



53C476



ADA2FF

# Square

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



53C476



00C2FF



ED8DE6



F69855

# Rectangle

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



53C476



00C9CF



ED8DE6



FF828F

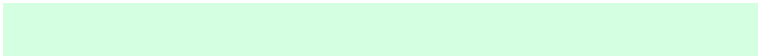


# Sweetspot

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



53C476



D4FFE1



A2C453



66806E



000000



808080



# Same Dimension

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



53C476



4FFF86



53C4AD



57615A



00A132



00210A



# Inverse Universe

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



C453A1



FF4FC9



C4536A



61575E



A1006F



210017



# Previews

## White Background



This preview shows how the Hex color 53C476 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 53C476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

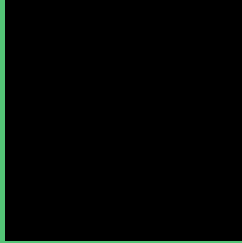
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53C476 Background



This preview shows how black text looks on a background with the Hex color 53C476.

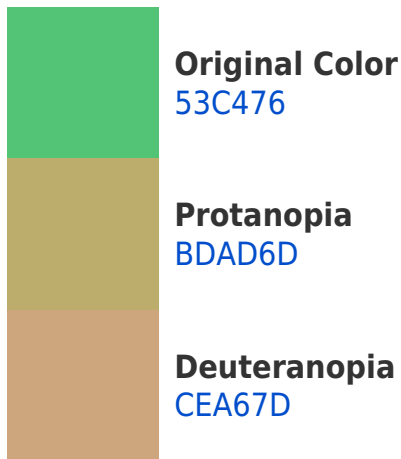


This preview shows how white text looks on a background with the Hex color 53C476.

# Color Blindness Simulation

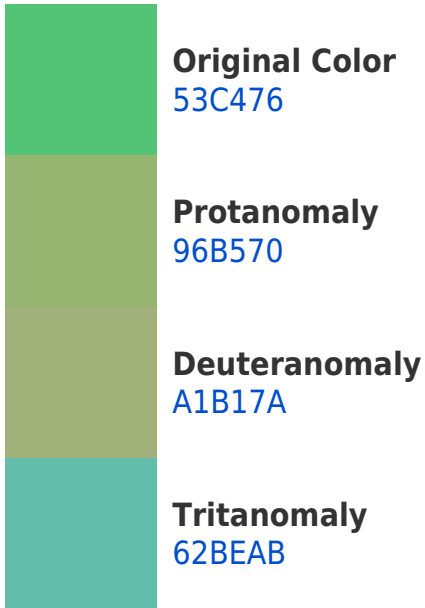
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

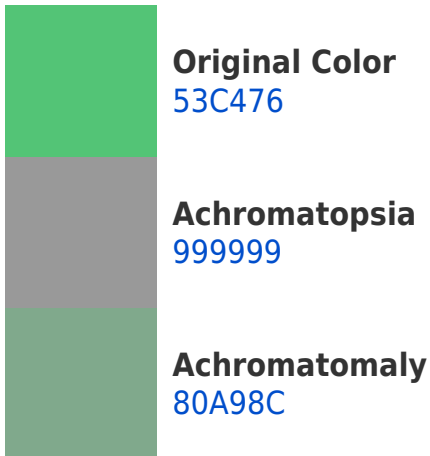




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53C476 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 #53C476 looks like.

```
.text, #text, p{  
    color:#53C476  
}
```

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 #53C476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C476
}
```

## Border

The CSS property to change the border of an element to Hex 53C476 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
#53C476 }
```

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

```
.border{ border-color:#53C476 }
```

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

Here you see how a box with a 4 pixel #53C476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C476; -webkit-box-shadow:4px 4px  
4px 4px #53C476; box-shadow:4px 4px 4px  
4px #53C476 }
```

# Background

The CSS property to change the background color of an element to Hex 53C476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C476 }
```

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

```
.background{ background-color:#53C476 }
```

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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