

Converting Colors

Hex(50C154)

Have a look what the booklet for
Hex(50C154) contains.

Hex(50C154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50C154)

Conversions

Conversions Part 1

Format	Color
Hex	50C154
RGB	80, 193, 84
RGB Percent	31%, 76%, 33%
CMY	0.6863, 0.2431, 0.6706
CMYK	0.59, 0.00, 0.56, 0.24
HSL	122°, 48%, 54%
HSV	122°, 59%, 76%
XYZ	23.9785, 40.4855, 14.9382
YIQ	146.7870, -32.3590, -57.8550

Conversions

Conversions Part 2

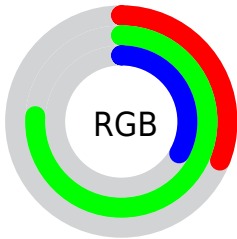
Format	Color
RYB	80, 189, 193
Decimal	5292372
CIELab	69.81, -53.95, 44.80
CIELCh	70, 70.130, 140.293
Yxy	40.4855, 0.3020, 0.5099
Android (android.graphics.Color)	4283482452 (0xFF50C154)
YUV	146.7870, -30.9540, -58.5722
Hunter-Lab	63.6282, -44.0812, 30.6201

Details

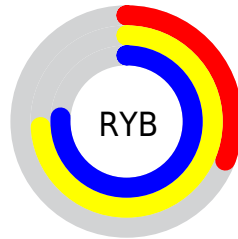
The Hex color **50C154** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C150BD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8BFA88**, and **008A20** is the 20% darker color. If you saturate the color by 10%, you get **3DC141**, and if you desaturate by 10%, it is **63C167**.

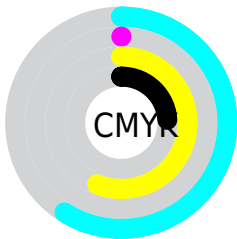
Distribution



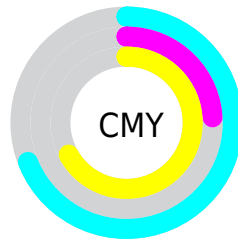
- Red (31%)
- Green (76%)
- Blue (33%)



- Red (31%)
- Yellow (74%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C154 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 50C154 by changing the saturation by 10% instead.



50C154



50C154

FFFFFF



2FA53A



8BFA88



008A20



A8FFA4



007000



C6FFBF



005600



E3FFDC



003E00



FFFFFF9



002700



000000



50C154



50C154



3DC141



63C167

 29C12F

 77C179

 16C11C

 8AC18C

 03C10A

 9DC19E

 00C107

 B1C1B1

 C4C1C4

 D7C1D6

 EAC1E9

 FEC1FC

Harmonies

Analogous

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



A1B420



50C154



00C793

Triad

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



50C154



00B8FF



FF7082

Complementary

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



50C154



C150BD

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.



FF6FC2



50C154



82A2FF

Square

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



50C154



00C4FF



E386FD



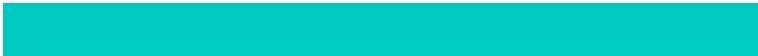
FF8649

Rectangle

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



50C154



00C9BF



E386FD



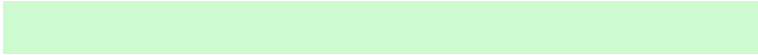
FF6C97

Sweetspot

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



50C154



CDFACF



BDC150



617D62



FCFCFC



7D7D7D

Same Dimension

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



50C154



4BFA51



50C18C



576158



00A106



002101

Inverse Universe

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



C150BD



FA4BF4



C15085



615761



A1009B



210020

Previews

White Background



This preview shows how the Hex color 50C154 looks on a white background.

Color Contrast Check

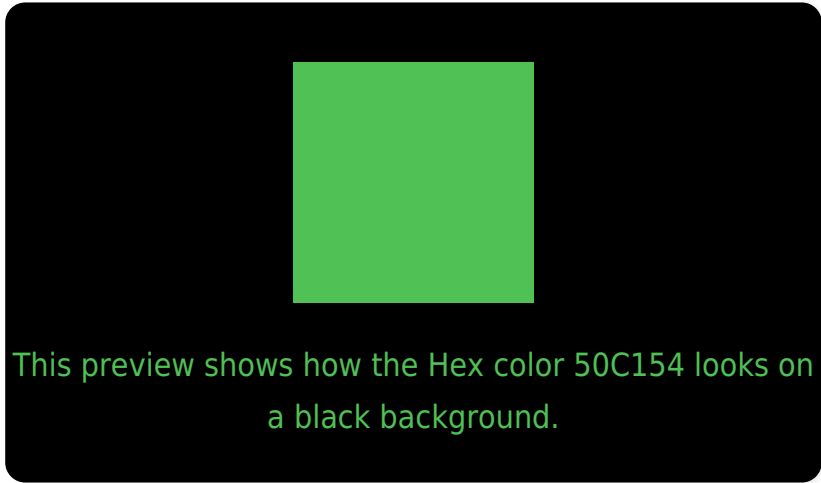
Large Text (above 18pt) WCAG AA × Fail

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

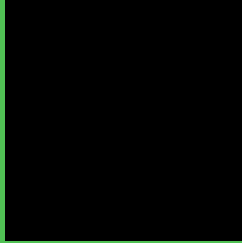
Any Text WCAG AA ✓ Pass

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 50C154 Background



This preview shows how black text looks on a background with the Hex color 50C154.

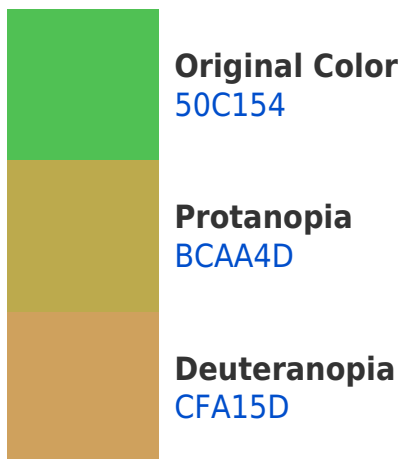


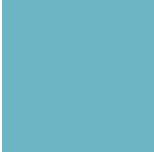
This preview shows how white text looks on a background with the Hex color 50C154.

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
6BB5C4

Trichromacy



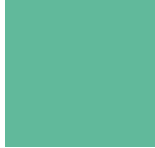
Original Color
50C154



Protanomaly
95B250



Deuteranomaly
A1AD5A



Tritanomaly
61B99B

Monochromacy



Original Color
50C154



Achromatopsia
939393



Achromatomaly
7BA47C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C154 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 #50C154 looks like.

```
.text, #text, p{  
    color:#50C154  
}
```

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 #50C154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C154
}
```

Border

The CSS property to change the border of an element to Hex 50C154 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
#50C154 }
```

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

```
.border{ border-color:#50C154 }
```

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

Here you see how a box with a 4 pixel #50C154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C154; -webkit-box-shadow:4px 4px  
4px 4px #50C154; box-shadow:4px 4px 4px  
4px #50C154 }
```

Background

The CSS property to change the background color of an element to Hex 50C154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C154 }
```

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

```
.background{ background-color:#50C154 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor