

Converting Colors

Hex(50C739)

Have a look what the booklet for
Hex(50C739) contains.

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Color

Hex(50C739)

Conversions

Conversions Part 1

Format	Color
Hex	50C739
RGB	80, 199, 57
RGB Percent	31%, 78%, 22%
CMY	0.6863, 0.2196, 0.7765
CMYK	0.60, 0.00, 0.71, 0.22
HSL	110°, 56%, 50%
HSV	110°, 71%, 78%
XYZ	24.4702, 42.8477, 10.8516
YIQ	147.2310, -25.3420, -69.3900

Conversions

Conversions Part 2

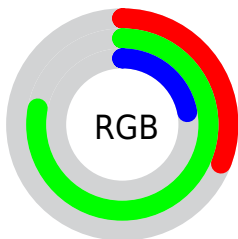
Format	Color
RYB	57, 199, 176
Decimal	5293881
CIELab	71.45, -58.87, 58.05
CIELCh	71, 82.675, 135.399
Yxy	42.8477, 0.3130, 0.5481
Android (android.graphics.Color)	4283483961 (0xFF50C739)
YUV	147.2310, -44.4839, -58.9616
Hunter-Lab	65.4582, -47.8232, 35.9917

Details

The Hex color **50C739** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B039C7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DFF70**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **3FC725**, and if you desaturate by 10%, it is **61C74D**.

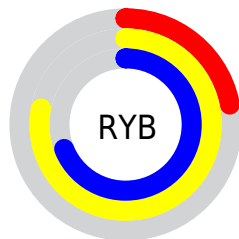
Distribution



Red (31%)

Green (78%)

Blue (22%)



Red (22%)

Yellow (78%)

Blue (69%)

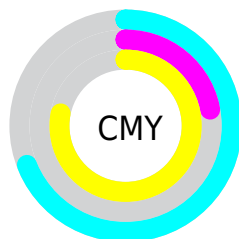


Cyan (60%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (69%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C739 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 50C739 by changing the saturation by 10% instead.

 50C739

 50C739

FFFFFF

 2CAB19

 8DFF70

 009000

 ABFF8B

 007500

 C9FFA7

 005B00

 E7FFC4

 004200

 FFFFEO

 002C00

FFFFFFE

 000A00

 000000

 50C739

 50C739

 3FC725

 61C74D

 2FC711

 71C761

 20C700

 82C775

 93C789

 A3C79D

 B4C7B0

 C5C7C4

 D5C7D8

 E6C7EC

Harmonies

Analogous

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



ADB700



50C739



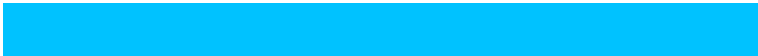
00CF86

Triad

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



50C739



00C2FF



FF5F8C

Complementary

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



50C739



B039C7

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.



FF65D7



50C739



4DABFF

Square

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



50C739



00CEFF



E288FF



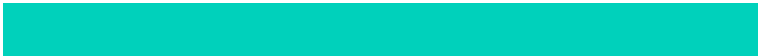
FF7C45

Rectangle

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



50C739



00D1BB



E288FF



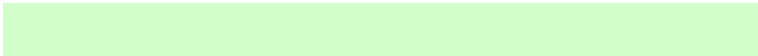
FF5CA5

Sweetspot

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



50C739



D2FFC9



C7AF39



658060



000000



808080

Same Dimension

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



50C739



47FF24



39C768



5B635A



1AA300



062400

Inverse Universe

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



B039C7



DB24FF



C73998



625A63



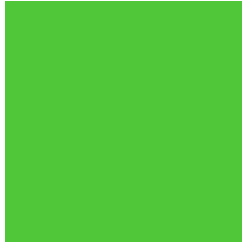
8900A3



1E0024

Previews

White Background



This preview shows how the Hex color 50C739 looks on a white background.

Color Contrast Check

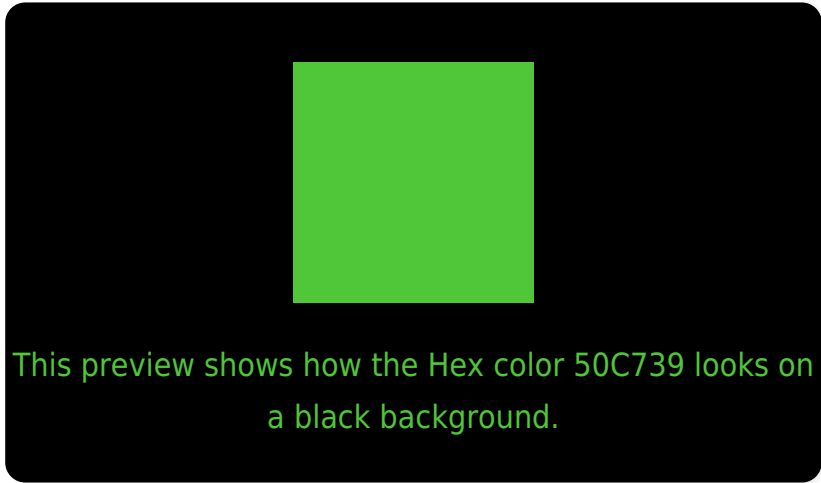
Large Text (above 18pt) WCAG AA × Fail

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 50C739 Background



This preview shows how black text looks on a background with the Hex color 50C739.

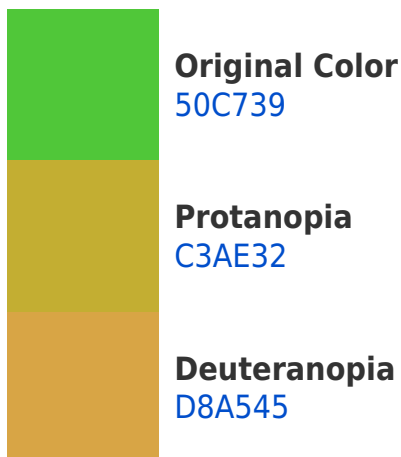


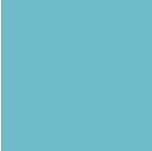
This preview shows how white text looks on a background with the Hex color 50C739.

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
6FBAC9

Trichromacy



Original Color
50C739



Protanomaly
99B735



Deuteranomaly
A7B141



Tritanomaly
64BF95

Monochromacy



Original Color
50C739



Achromatopsia
939393



Achromatomaly
7BA672

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C739 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 #50C739 looks like.

```
.text, #text, p{  
    color:#50C739  
}
```

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 #50C739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C739
}
```

Border

The CSS property to change the border of an element to Hex 50C739 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
#50C739 }
```

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

```
.border{ border-color:#50C739 }
```

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

Here you see how a box with a 4 pixel #50C739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C739; -webkit-box-shadow:4px 4px  
4px 4px #50C739; box-shadow:4px 4px 4px  
4px #50C739 }
```

Background

The CSS property to change the background color of an element to Hex 50C739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C739 }
```

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

```
.background{ background-color:#50C739 }
```

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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