

Converting Colors

Hex(50C73C)

Have a look what the booklet for
Hex(50C73C) contains.

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Color

Hex(50C73C)

Conversions

Conversions Part 1

Format	Color
Hex	50C73C
RGB	80, 199, 60
RGB Percent	31%, 78%, 24%
CMY	0.6863, 0.2196, 0.7647
CMYK	0.60, 0.00, 0.70, 0.22
HSL	111°, 55%, 51%
HSV	111°, 70%, 78%
XYZ	24.5473, 42.8786, 11.2576
YIQ	147.5730, -26.3050, -68.4570

Conversions

Conversions Part 2

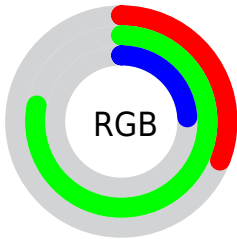
Format	Color
RYB	60, 199, 179
Decimal	5293884
CIELab	71.47, -58.62, 56.95
CIELCh	71, 81.727, 135.832
Yxy	42.8786, 0.3120, 0.5450
Android (android.graphics.Color)	4283483964 (0xFF50C73C)
YUV	147.5730, -43.1735, -59.2615
Hunter-Lab	65.4817, -47.6783, 35.6441

Details

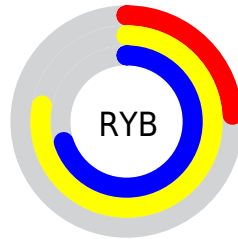
The Hex color **50C73C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B33CC7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DFF73**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **3FC728**, and if you desaturate by 10%, it is **61C750**.

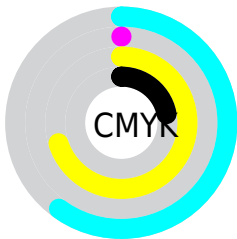
Distribution



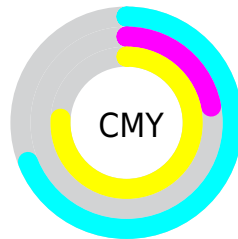
- Red (31%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (70%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C73C 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 50C73C by changing the saturation by 10% instead.

 50C73C

 50C73C

FFFFFF

 2DAB1E

 8DFF73

 009000

 ABFF8E

 007500

 C8FFAA

 005B00

 E7FFC6

 004200

 FFFF E3

 002C00

 000A00

 000000

 50C73C

 50C73C

 3FC728

 61C750

 2EC714

 72C764

 1DC700

 83C778

 94C78C

 A5C7A0

 B6C7B3

 C7C7C7

 D8C7DB

 E9C7EF

Harmonies

Analogous

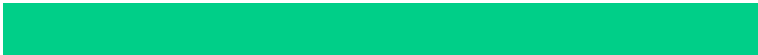
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADB800



50C73C



00CF88

Triad

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



50C73C



00C2FF



FF618B

Complementary

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



50C73C



B33CC7

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.



FF66D6



50C73C



55A AFF

Square

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



50C73C



00CEFF



E388FF



FF7D45

Rectangle

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



50C73C



00D1BC



E388FF



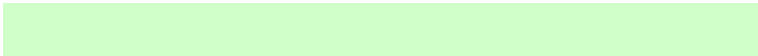
FF5EA4

Sweetspot

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



50C73C



D1FFC9



C7B23C



648060



000000



808080

Same Dimension

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



50C73C



48FF29



3CC76D



5B635A



17A300



052400

Inverse Universe

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



B33CC7



E029FF



C73C96



625A63



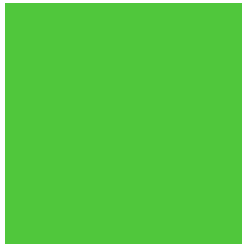
8C00A3



1F0024

Previews

White Background



This preview shows how the Hex color 50C73C looks on a white background.

Color Contrast Check

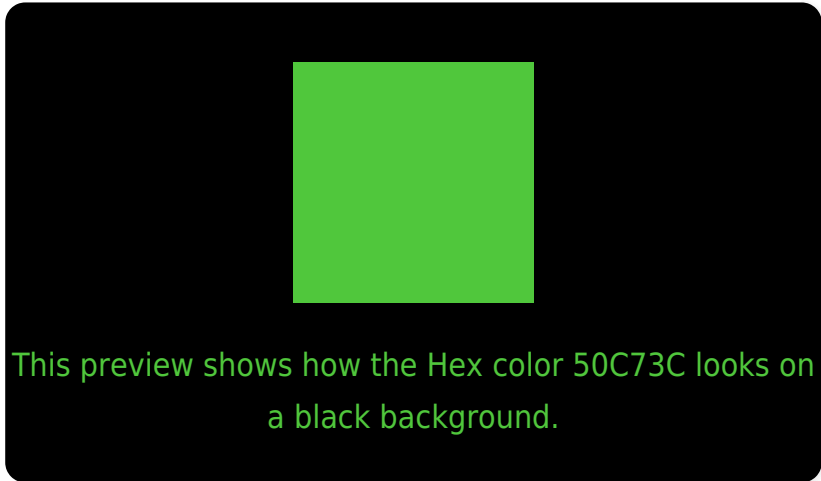
Large Text (above 18pt) WCAG AA × Fail

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 50C73C Background



This preview shows how black text looks on a background with the Hex color 50C73C.

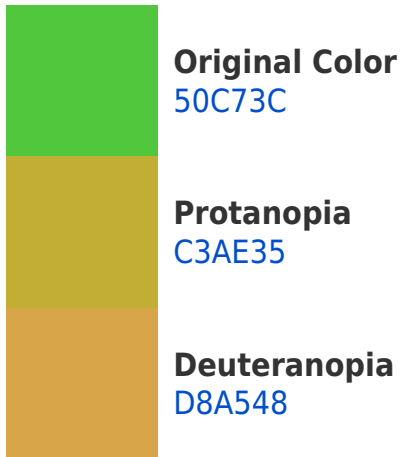


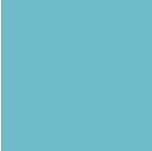
This preview shows how white text looks on a background with the Hex color 50C73C.

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



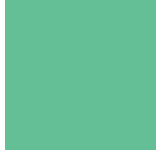
Original Color
50C73C



Protanomaly
99B738



Deuteranomaly
A7B144



Tritanomaly
64BF96

Monochromacy



Original Color
50C73C



Achromatopsia
949494



Achromatomaly
7BA774

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C73C 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 #50C73C looks like.

```
.text, #text, p{  
    color:#50C73C  
}
```

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 #50C73C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C73C
}
```

Border

The CSS property to change the border of an element to Hex 50C73C 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
#50C73C }
```

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

```
.border{ border-color:#50C73C }
```

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

Here you see how a box with a 4 pixel #50C73C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C73C; -webkit-box-shadow:4px 4px  
4px 4px #50C73C; box-shadow:4px 4px 4px  
4px #50C73C }
```

Background

The CSS property to change the background color of an element to Hex 50C73C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C73C }
```

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

```
.background{ background-color:#50C73C }
```

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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