

Converting Colors

Hex(50C350)

Have a look what the booklet for
Hex(50C350) contains.

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Color

Hex(50C350)

Conversions

Conversions Part 1

Format	Color
Hex	50C350
RGB	80, 195, 80
RGB Percent	31%, 76%, 31%
CMY	0.6863, 0.2353, 0.6863
CMYK	0.59, 0.00, 0.59, 0.24
HSL	120°, 49%, 54%
HSV	120°, 59%, 76%
XYZ	24.2713, 41.3149, 14.2848
YIQ	147.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

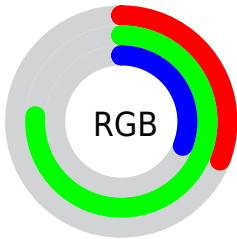
Format	Color
RYB	80, 195, 195
Decimal	5292880
CIELab	70.40, -55.18, 47.33
CIELCh	70, 72.700, 139.377
Yxy	41.3149, 0.3039, 0.5173
Android (android.graphics.Color)	4283482960 (0xFF50C350)
YUV	147.5050, -33.2800, -59.2019
Hunter-Lab	64.2766, -45.0812, 31.8171

Details

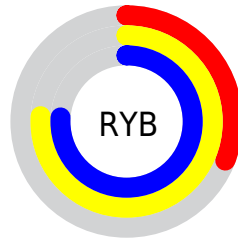
The Hex color **50C350** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C350C3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8CFD85**, and **008C1A** is the 20% darker color. If you saturate the color by 10%, you get **3DC33D**, and if you desaturate by 10%, it is **63C363**.

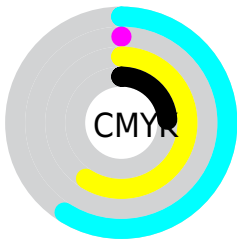
Distribution



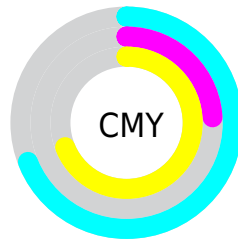
- Red (31%)
- Green (76%)
- Blue (31%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 50C350 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 50C350 by changing the saturation by 10% instead.

 50C350

 50C350

FFFFFF

 2EA736

 8CFD85

 008C1A

 A9FFA0

 007200

 C6FFBC

 005800

 E4FFD8

 003F00

 FFFFF5

 002900

 000300

 000000

 50C350

 50C350

 3DC33D

 63C363

 29C329

 77C377

 15C315

 8AC38A

 02C302

 9EC39E

 00C300

 B2C3B2

 C5C3C5

 D9C3D9

 ECC3EC

 FFC3FF

Harmonies

Analogous

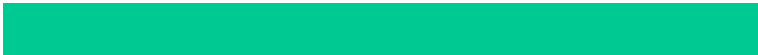
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B617



50C350



00CA92

Triad

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



50C350



00BBFF



FF6D84

Complementary

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



50C350



C350C3

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.



FF6EC7



50C350



7CA5FF

Square

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



50C350



00C7FF



E487FF



FF8548

Rectangle

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



50C350



00CBC0



E487FF



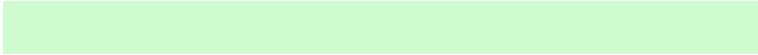
FF6A9A

Sweetspot

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



50C350



CFFCCF



C3C350



638063



000000



808080

Same Dimension

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



50C350



49FC49



50C389



576157



00A100



002100

Inverse Universe

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



C350C3



FC49FC



C35089



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color 50C350 looks on a white background.

Color Contrast Check

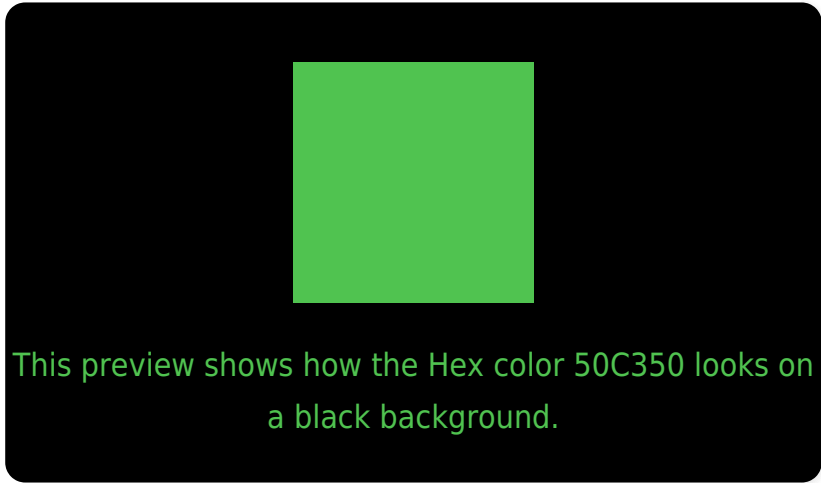
Large Text (above 18pt) WCAG AA × Fail

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

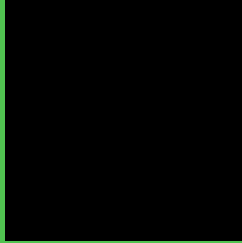
Any Text WCAG AA ✓ Pass

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 50C350 Background



This preview shows how black text looks on a background with the Hex color 50C350.



This preview shows how white text looks on a background with the Hex color 50C350.

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](#).

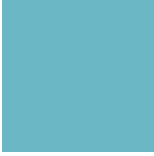
Dichromacy



Original Color
50C350

Protanopia
BEAB49

Deuteranopia
D2A359



Tritanopia
6CB7C6

Trichromacy



Original Color
50C350



Protanomaly
96B44C



Deuteranomaly
A3AF56



Tritanomaly
62BB9B

Monochromacy



Original Color
50C350



Achromatopsia
949494



Achromatomaly
7BA57B

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C350 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 #50C350 looks like.

```
.text, #text, p{  
    color:#50C350  
}
```

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 #50C350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C350
}
```

Border

The CSS property to change the border of an element to Hex 50C350 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
#50C350 }
```

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

```
.border{ border-color:#50C350 }
```

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

Here you see how a box with a 4 pixel #50C350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C350; -webkit-box-shadow:4px 4px  
4px 4px #50C350; box-shadow:4px 4px 4px  
4px #50C350 }
```

Background

The CSS property to change the background color of an element to Hex 50C350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C350 }
```

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

```
.background{ background-color:#50C350 }
```

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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