

Converting Colors

Hex(50CC5E)

Have a look what the booklet for
Hex(50CC5E) contains.

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Color

Hex(50CC5E)

Conversions

Conversions Part 1

Format	Color
Hex	50CC5E
RGB	80, 204, 94
RGB Percent	31%, 80%, 37%
CMY	0.6863, 0.2000, 0.6314
CMYK	0.61, 0.00, 0.54, 0.20
HSL	127°, 55%, 56%
HSV	127°, 61%, 80%
XYZ	26.9215, 45.6994, 17.9916
YIQ	154.3840, -38.5940, -60.4980

Conversions

Conversions Part 2

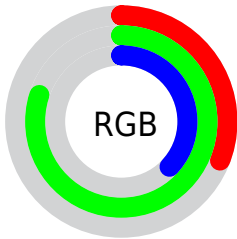
Format	Color
RYB	80, 191, 204
Decimal	5295198
CIELab	73.35, -56.76, 44.30
CIELCh	73, 72.006, 142.029
Yxy	45.6994, 0.2971, 0.5043
Android (android.graphics.Color)	4283485278 (0xFF50CC5E)
YUV	154.3840, -29.7693, -65.2348
Hunter-Lab	67.6013, -47.2165, 31.5413

Details

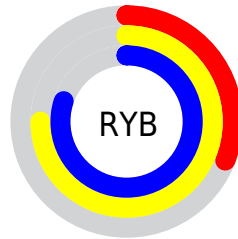
The Hex color **50CC5E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CC50BE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8DFF93**, and **00952B** is the 20% darker color. If you saturate the color by 10%, you get **3CCC4C**, and if you desaturate by 10%, it is **64CC70**.

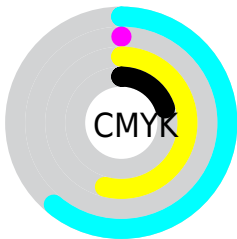
Distribution



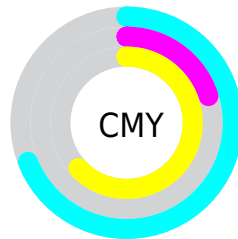
- Red (31%)
- Green (80%)
- Blue (37%)



- Red (31%)
- Yellow (75%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50CC5E 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 50CC5E by changing the saturation by 10% instead.

 50CC5E

 50CC5E

FFFFFF

 2DB044

 8DFF93

 00952B

 AAFFAE

 007A0D

 C8FFCA

 006000

 E6FFE7

 004700

 003100

 001400

 000000

 50CC5E

 50CC5E

 3CCC4C

 64CC70

 27CC3A

 79CC82

 13CC28

 8DCC94

 00CC17

 A2CCA6

 B6CCB8

 CACCCB

 DFCCDD

 F3CCEF

 FFCCFF

Harmonies

Analogous

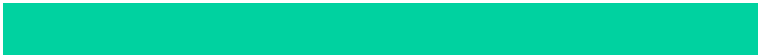
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7BF29



50CC5E



00D2A0

Triad

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



50CC5E



00C1FF



FF7887

Complementary

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



50CC5E



CC50BE

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.



FF76C9



50CC5E



93AAFF

Square

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



50CC5E



00CEFF



F38DFF



FF904C

Rectangle

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



50CC5E



00D4CE



F38DFF



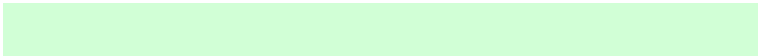
FF749C

Sweetspot

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



50CC5E



D1FFD6



C0CC50



638067



000000



808080

Same Dimension

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



50CC5E



45FF5A



50CC9A



5C665D



00A613



002604

Inverse Universe

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



CC50BE



FF45EA



CC5082



665C65



A60093



260022

Previews

White Background



This preview shows how the Hex color 50CC5E looks on a white background.

Color Contrast Check

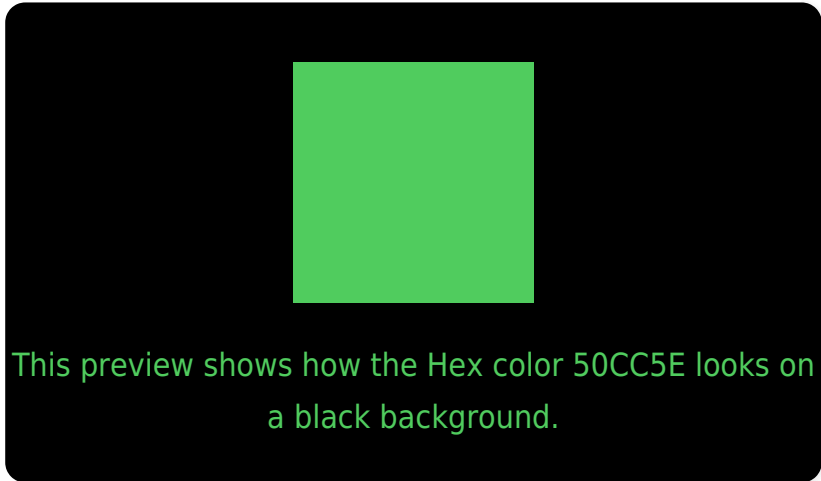
Large Text (above 18pt) WCAG AA × Fail

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

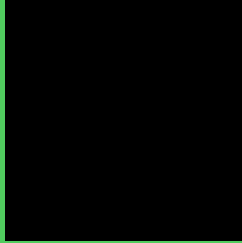
Any Text WCAG AA ✓ Pass

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 50CC5E Background



This preview shows how black text looks on a background with the Hex color 50CC5E.

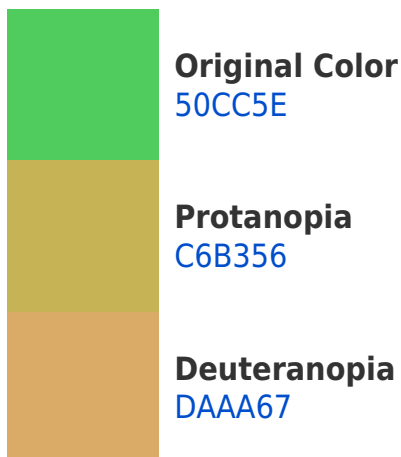


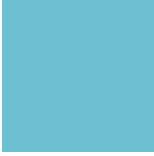
This preview shows how white text looks on a background with the Hex color 50CC5E.

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](#).

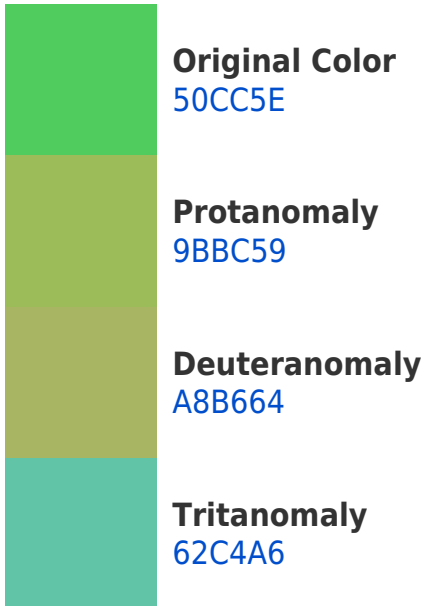
Dichromacy



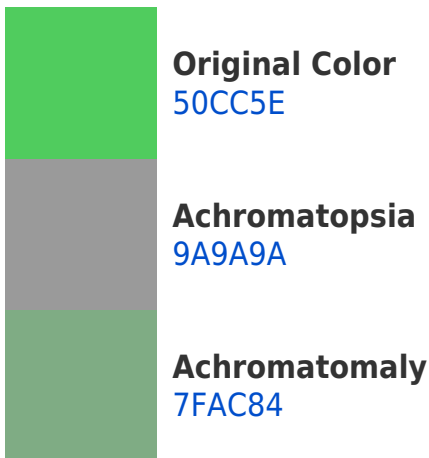


Tritanopia
6DC0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50CC5E 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 #50CC5E looks like.

```
.text, #text, p{  
    color:#50CC5E  
}
```

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 #50CC5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CC5E
}
```

Border

The CSS property to change the border of an element to Hex 50CC5E 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
#50CC5E }
```

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

```
.border{ border-color:#50CC5E }
```

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

Here you see how a box with a 4 pixel #50CC5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CC5E; -webkit-box-shadow:4px 4px  
4px 4px #50CC5E; box-shadow:4px 4px 4px  
4px #50CC5E }
```

Background

The CSS property to change the background color of an element to Hex 50CC5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CC5E }
```

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

```
.background{ background-color:#50CC5E }
```

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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