

Converting Colors

Hex(50CC45)

Have a look what the booklet for
Hex(50CC45) contains.

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Color

Hex(50CC45)

Conversions

Conversions Part 1

Format	Color
Hex	50CC45
RGB	80, 204, 69
RGB Percent	31%, 80%, 27%
CMY	0.6863, 0.2000, 0.7294
CMYK	0.61, 0.00, 0.66, 0.20
HSL	115°, 57%, 54%
HSV	115°, 66%, 80%
XYZ	25.9753, 45.3209, 13.0090
YIQ	151.5340, -30.5690, -68.2730

Conversions

Conversions Part 2

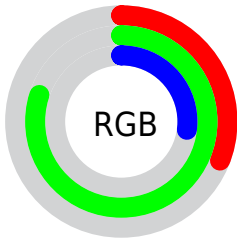
Format	Color
RYB	69, 204, 193
Decimal	5295173
CIELab	73.10, -59.59, 55.12
CIElCh	73, 81.175, 137.232
Yxy	45.3209, 0.3081, 0.5376
Android (android.graphics.Color)	4283485253 (0xFF50CC45)
YUV	151.5340, -40.6893, -62.7353
Hunter-Lab	67.3208, -48.9382, 35.6674

Details

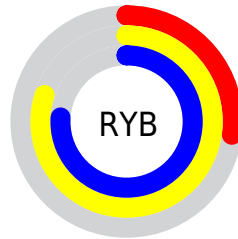
The Hex color **50CC45** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C145CC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8DFF7B**, and **009501** is the 20% darker color. If you saturate the color by 10%, you get **3DCC31**, and if you desaturate by 10%, it is **63CC59**.

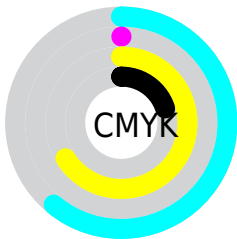
Distribution



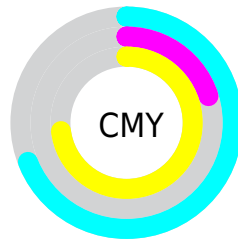
- Red (31%)
- Green (80%)
- Blue (27%)



- Red (27%)
- Yellow (80%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (66%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50CC45 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 50CC45 by changing the saturation by 10% instead.

 50CC45

 50CC45

FFFFFF

 2CB029

 8DFF7B

 009501

 ABFF96

 007A00

 C9FFB2

 006000

 E7FFCF

 004700

 FFFFEC

 003000

 001300

 000000

 50CC45

 50CC45

 3DCC31

 63CC59

 2BCC1C

 75CC6E

 18CC08

 88CC82

 11CC00

 9BCC97

 AECCAB

 C0CCBF

 D3CCD4

 E6CCE8

 F9CCFD

Harmonies

Analogous

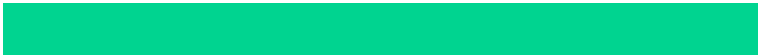
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEBD00



50CC45



00D490

Triad

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



50CC45



00C5FF



FF688C

Complementary

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



50CC45



C145CC

Split Complementary

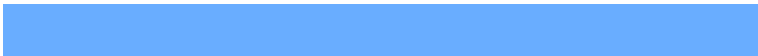
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6BD7



50CC45



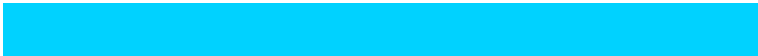
69ADFF

Square

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



50CC45



00D2FF



EC8BFF



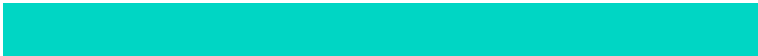
FF8447

Rectangle

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



50CC45



00D6C4



EC8BFF



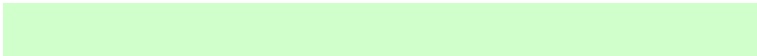
FF64A5

Sweetspot

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



50CC45



D0FFCC



CCC145



638061



000000



808080

Same Dimension

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



50CC45



46FF36



45CC7D



5D665C



0EA600



032600

Inverse Universe

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



C145CC



EF36FF



CC4594



655C66



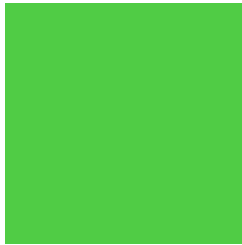
9800A6



230026

Previews

White Background



This preview shows how the Hex color 50CC45 looks on a white background.

Color Contrast Check

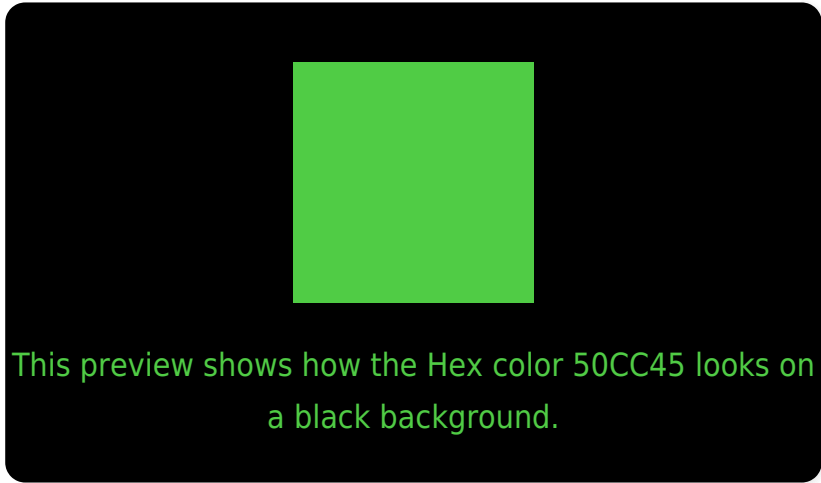
Large Text (above 18pt) WCAG AA × Fail

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

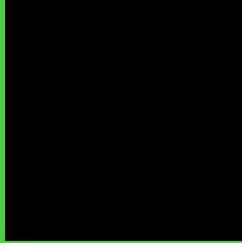
Any Text WCAG AA ✓ Pass

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 50CC45 Background



This preview shows how black text looks on a background with the Hex color 50CC45.



This preview shows how white text looks on a background with the Hex color 50CC45.

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](#).

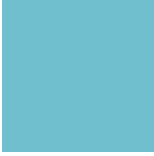
Dichromacy



Original Color
50CC45

Protanopia
C7B23E

Deuteranopia
DCA950



Tritanopia
6FBFCE

Trichromacy



Original Color
50CC45



Protanomaly
9CBB41



Deuteranomaly
A9B64C



Tritanomaly
64C49C

Monochromacy



Original Color
50CC45



Achromatopsia
989898



Achromatomaly
7EAB7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 50CC45 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 #50CC45 looks like.

```
.text, #text, p{  
    color:#50CC45  
}
```

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 #50CC45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CC45
}
```

Border

The CSS property to change the border of an element to Hex 50CC45 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
#50CC45 }
```

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

```
.border{ border-color:#50CC45 }
```

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

Here you see how a box with a 4 pixel #50CC45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CC45; -webkit-box-shadow:4px 4px  
4px 4px #50CC45; box-shadow:4px 4px 4px  
4px #50CC45 }
```

Background

The CSS property to change the background color of an element to Hex 50CC45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CC45 }
```

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

```
.background{ background-color:#50CC45 }
```

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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