

# Converting Colors

Hex(50E254)

Have a look what the booklet for  
Hex(50E254) contains.

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# **Color**

**Hex(50E254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50E254
RGB	80, 226, 84
RGB Percent	31%, 89%, 33%
CMY	0.6863, 0.1137, 0.6706
CMYK	0.65, 0.00, 0.63, 0.11
HSL	122°, 72%, 60%
HSV	122°, 65%, 89%
XYZ	32.1049, 56.7383, 17.6470
YIQ	166.1580, -41.4340, -75.1140

# Conversions

## Conversions Part 2

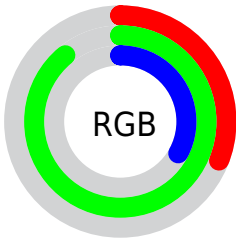
Format	Color
<a href="#">RYB</a>	<a href="#">80, 222, 226</a>
Decimal	<a href="#">5300820</a>
CIELab	<a href="#">80.03, -65.72, 56.53</a>
CIELCh	<a href="#">80, 86.685, 139.298</a>
Yxy	<a href="#">56.7383, 0.3015, 0.5328</a>
Android (android.graphics.Color)	<a href="#">4283490900 (0xFF50E254)</a>
YUV	<a href="#">166.1580, -40.5039, -75.5606</a>
Hunter-Lab	<a href="#">75.3248, -55.7384, 38.8370</a>

# Details

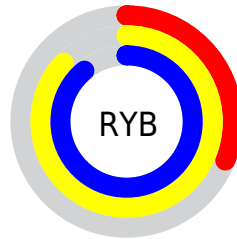
The Hex color **50E254** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **E250DE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **91FF8A**, and **00A919** is the 20% darker color. If you saturate the color by 10%, you get **39E23E**, and if you desaturate by 10%, it is **67E26A**.

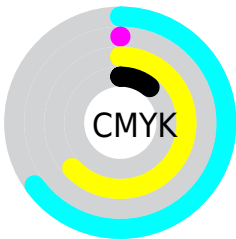
# Distribution



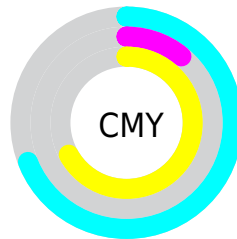
- Red (31%)
- Green (89%)
- Blue (33%)



- Red (31%)
- Yellow (87%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50E254 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 50E254 by changing the saturation by 10% instead.



 50E254

 50E254

FFFFFF

 27C538

 91FF8A

 00A919

 AFFFA6

 008E00

 CEFFC2

 007300

 ECFFDF

 005900

FFFFFFD

 004000

 002800

 000000

 50E254

 50E254

 39E23E

 67E26A

 23E228

 7DE280

 0CE212

 94E296

 00E206

 AAE2AC

 C1E2C2

 D8E2D8

 EEE2EE

 FFE2FF

# Harmonies

## Analogous

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



BBD200



50E254



00EAA6

# Triad

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



50E254



00D8FF



FF7696

# Complementary

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



50E254



E250DE

# Split Complementary

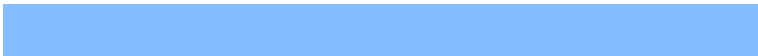
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF76E7



50E254



86BDFF

# Square

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



50E254



00E7FF



FF98FF



FF964C

# Rectangle

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



50E254



00ECDE



FF98FF



FF71B1

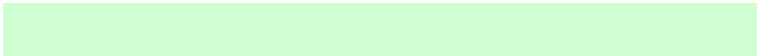


# Sweetspot

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



50E254



CFFFD0



E0E250



628063



000000



808080



# Same Dimension

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



50E254



38FF3E



50E29B



657065



00B005



003001



# Inverse Universe

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



E250DE



FF38FA



E25097



706570



B000AB



30002F



# Previews

## White Background



This preview shows how the Hex color 50E254 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



This preview shows how the Hex color 50E254 looks on a 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 50E254 Background



This preview shows how black text looks on a background with the Hex color 50E254.

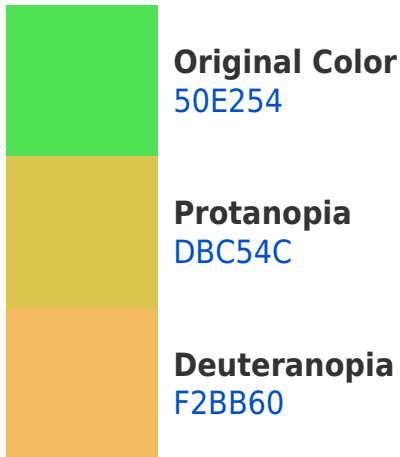


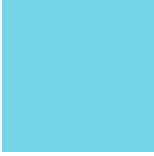
This preview shows how white text looks on a background with the Hex color 50E254.

# 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](#).

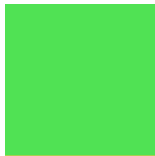
## Dichromacy





**Tritanopia**  
75D4E5

# Trichromacy



**Original Color**  
50E254



**Protanomaly**  
A8D04F



**Deuteranomaly**  
B7C95C



**Tritanomaly**  
68D9B0

# Monochromacy



**Original Color**  
50E254



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
87BC88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50E254 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 #50E254 looks like.

```
.text, #text, p{  
    color:#50E254  
}
```

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 #50E254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E254
}
```

## Border

The CSS property to change the border of an element to Hex 50E254 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
#50E254 }
```

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

```
.border{ border-color:#50E254 }
```

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

Here you see how a box with a 4 pixel #50E254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E254; -webkit-box-shadow:4px 4px  
4px 4px #50E254; box-shadow:4px 4px 4px  
4px #50E254 }
```

# Background

The CSS property to change the background color of an element to Hex 50E254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E254 }
```

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

```
.background{ background-color:#50E254 }
```

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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