

# Converting Colors

Hex(52E055)

Have a look what the booklet for  
Hex(52E055) contains.

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**Color**

**Hex(52E055)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 52E055                       |
| RGB         | 82, 224, 85                  |
| RGB Percent | 32%, 88%, 33%                |
| CMY         | 0.6784, 0.1216, 0.6667       |
| CMYK        | 0.63, 0.00, 0.62, 0.12       |
| HSL         | 121°, 70%, 60%               |
| HSV         | 121°, 63%, 88%               |
| XYZ         | 31.7750, 55.7610, 17.6826    |
| YIQ         | 165.6960, -40.0130, -73.3330 |

# Conversions

## Conversions Part 2

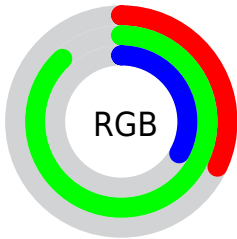
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 82, 221, 224                    |
| Decimal                             | 5431381                         |
| CIELab                              | 79.48, -64.52, 55.50            |
| CIELCh                              | 79, 85.108, 139.299             |
| Yxy                                 | 55.7610, 0.3020,<br>0.5300      |
| Android<br>(android.graphics.Color) | 4283621461<br>(0xFF52E055)      |
| YUV                                 | 165.6960, -39.7831,<br>-73.4014 |
| Hunter-Lab                          | 74.6733, -54.7229,<br>38.2315   |

# Details

The Hex color **52E055** 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 **E052DD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **92FF8B**, and **00A71B** is the 20% darker color. If you saturate the color by 10%, you get **3CE03F**, and if you desaturate by 10%, it is **68E06B**.

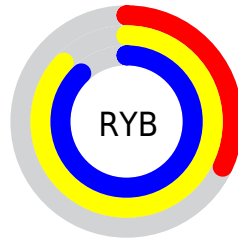
# Distribution



Red (32%)

Green (88%)

Blue (33%)



Red (32%)

Yellow (87%)

Blue (88%)

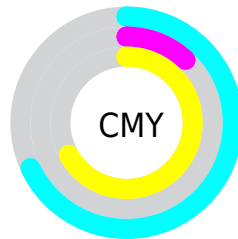


Cyan (63%)

Magenta (0%)

Yellow (62%)

Black (12%)



Cyan (68%)

Magenta (12%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52E055 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 52E055 by changing the saturation by 10% instead.



 52E055

 52E055

FFFFFF

 2BC33A

 92FF8B

 00A71B

 B0FFA7

 008C00

 CFFFC3

 007100

 EDFFE0

 005700

FFFFFFD

 003F00

 002700

 000000

 52E055

 52E055

 3CE03F

 68E06B

 25E029

 7FE081

 0FE013

 95E097

 00E005

 ACE0AD

 C2E0C3

 D8E0D9

 EFE0EE

 FFE0FF

# Harmonies

## Analogous

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



BAD000



52E055



00E8A5

# Triad

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



52E055



00D6FF



FF7795

# Complementary

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



52E055



E052DD

# Split Complementary

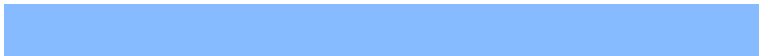
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF77E5



52E055



86BCFF

# Square

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



52E055



00E5FF



FF97FF



FF954D

# Rectangle

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



52E055



00EADC



FF97FF



FF72B0

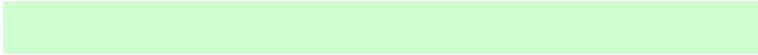


# Sweetspot

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



52E055



CFFFD0



DEE052



628063



000000



808080



# Same Dimension

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



52E055



3DFF41



52E09B



657065



00B004



003001



# Inverse Universe

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



E052DD



FF3DFB



E05297



706570



B000AC

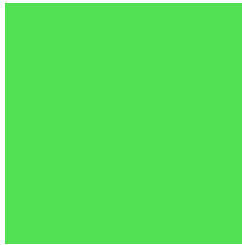


30002F



# Previews

## White Background



This preview shows how the Hex color 52E055 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 52E055 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 52E055 Background



This preview shows how black text looks on a background with the Hex color 52E055.

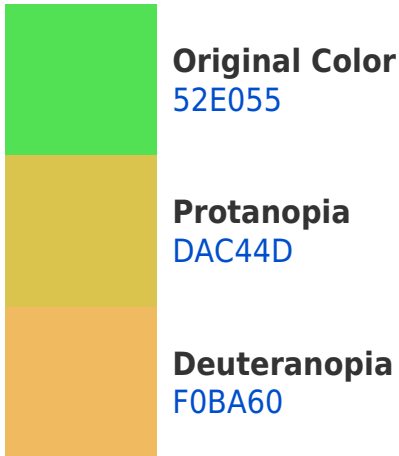


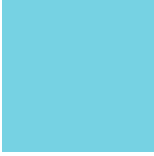
This preview shows how white text looks on a background with the Hex color 52E055.

# 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**  
76D2E3

# Trichromacy



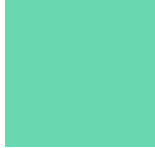
**Original Color**  
52E055



**Protanomaly**  
A9CE50



**Deuteranomaly**  
B7C85C



**Tritanomaly**  
69D7AF

# Monochromacy



**Original Color**  
52E055



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
87BB89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52E055 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 #52E055 looks like.

```
.text, #text, p{  
    color:#52E055  
}
```

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 #52E055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E055
}
```

## Border

The CSS property to change the border of an element to Hex 52E055 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
#52E055 }
```

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

```
.border{ border-color:#52E055 }
```

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

Here you see how a box with a 4 pixel #52E055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E055; -webkit-box-shadow:4px 4px  
4px 4px #52E055; box-shadow:4px 4px 4px  
4px #52E055 }
```

# Background

The CSS property to change the background color of an element to Hex 52E055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E055 }
```

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

```
.background{ background-color:#52E055 }
```

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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