

# Converting Colors

Hex(52EB4D)

Have a look what the booklet for  
Hex(52EB4D) contains.

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**Color**

**Hex(52EB4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52EB4D
RGB	82, 235, 77
RGB Percent	32%, 92%, 30%
CMY	0.6784, 0.0784, 0.6980
CMYK	0.65, 0.00, 0.67, 0.08
HSL	118°, 80%, 61%
HSV	118°, 67%, 92%
XYZ	34.5276, 61.7463, 17.1196
YIQ	171.2410, -40.4700, -81.5740

# Conversions

## Conversions Part 2

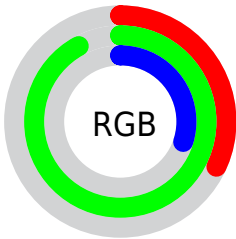
Format	Color
<a href="#">RYB</a>	<a href="#">77, 235, 230</a>
Decimal	<a href="#">5434189</a>
CIELab	<a href="#">82.78, -69.01, 62.36</a>
CIELCh	<a href="#">83, 93.009, 137.896</a>
Yxy	<a href="#">61.7463, 0.3045, 0.5445</a>
Android (android.graphics.Color)	<a href="#">4283624269 (0xFF52EB4D)</a>
YUV	<a href="#">171.2410, -46.4608, -78.2644</a>
Hunter-Lab	<a href="#">78.5788, -59.0800, 42.0879</a>

# Details

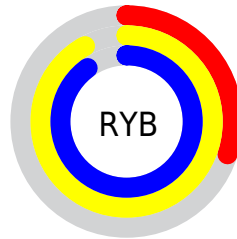
The Hex color **52EB4D** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **E64DEB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **94FF85**, and **00B205** is the 20% darker color. If you saturate the color by 10%, you get **3BEB35**, and if you desaturate by 10%, it is **69EB64**.

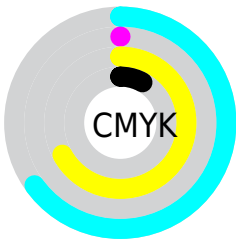
# Distribution



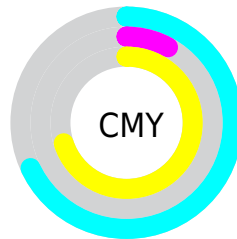
- Red (32%)
- Green (92%)
- Blue (30%)



- Red (30%)
- Yellow (92%)
- Blue (90%)



- Cyan (65%)
- Magenta (0%)
- Yellow (67%)
- Black (8%)



- Cyan (68%)
- Magenta (8%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52EB4D 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 52EB4D by changing the saturation by 10% instead.



 52EB4D

 52EB4D

FFFFFF

 27CE2F

 94FF85

 00B205

 B3FFA1

 009600

 D2FFBD

 007B00

 F1FFDA

 006100

 FFFFF8

 004700

 002F00

 001100

 000000

 52EB4D

 52EB4D

 3BEB35

 69EB64

 24EB1E

 80EB7C

 0EEB06

 96EB93

 07EB00

 ADEBAB

 C4EBC2

 DBEBDA

 F1EBF1

 FFEbff

# Harmonies

## Analogous

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



C5DA00



52EB4D



00F4A6

# Triad

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



52EB4D



00E3FF



FF739E

# Complementary

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



52EB4D



E64DEB

# 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.



FF76F5



52EB4D



77C6FF

# Square

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



52EB4D



00F1FF



FF9DFF



FF974C

# Rectangle

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



52EB4D



00F6E4



FF9DFF



FF6EBB

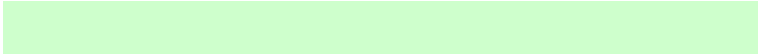


# Sweetspot

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



52EB4D



CEFFCC



EBE64D



628061



000000



808080



# Same Dimension

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



52EB4D



37FF30



4DEB97



6A756A



06B500



023600



# Inverse Universe

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



E64DEB



F830FF



EB4DA1



756A75



AF00B5

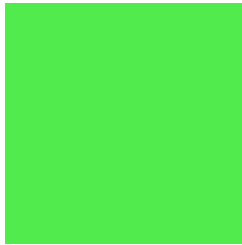


340036



# Previews

## White Background



This preview shows how the Hex color 52EB4D 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 52EB4D 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

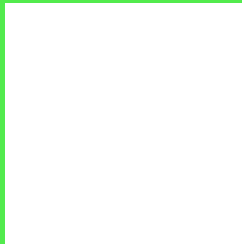
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52EB4D Background



This preview shows how black text looks on a background with the Hex color 52EB4D.

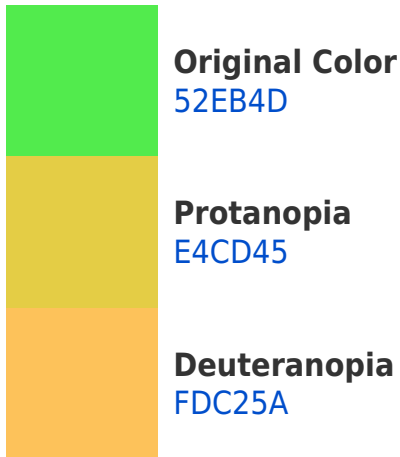


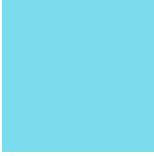
This preview shows how white text looks on a background with the Hex color 52EB4D.

# 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**  
7ADCED

# Trichromacy



**Original Color**  
52EB4D



**Protanomaly**  
AFD848



**Deuteranomaly**  
BFD155



**Tritanomaly**  
6BE1B3

# Monochromacy



**Original Color**  
52EB4D



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8BC289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52EB4D 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 #52EB4D looks like.

```
.text, #text, p{  
    color:#52EB4D  
}
```

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 #52EB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52EB4D
}
```

## Border

The CSS property to change the border of an element to Hex 52EB4D 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
#52EB4D }
```

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

```
.border{ border-color:#52EB4D }
```

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

Here you see how a box with a 4 pixel #52EB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52EB4D; -webkit-box-shadow:4px 4px  
4px 4px #52EB4D; box-shadow:4px 4px 4px  
4px #52EB4D }
```

# Background

The CSS property to change the background color of an element to Hex 52EB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52EB4D }
```

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

```
.background{ background-color:#52EB4D }
```

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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