

# Converting Colors

Hex(54E84B)

Have a look what the booklet for  
Hex(54E84B) contains.

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# Color

Hex(54E84B)

# Conversions

## Conversions Part 1

Format	Color
Hex	54E84B
RGB	84, 232, 75
RGB Percent	33%, 91%, 29%
CMY	0.6706, 0.0902, 0.7059
CMYK	0.64, 0.00, 0.68, 0.09
HSL	117°, 77%, 60%
HSV	117°, 68%, 91%
XYZ	33.7828, 60.1060, 16.4777
YIQ	169.8500, -37.8110, -80.2030

# Conversions

## Conversions Part 2

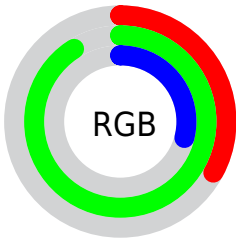
Format	Color
<a href="#">RYB</a>	<a href="#">75, 232, 223</a>
Decimal	<a href="#">5564491</a>
CIELab	<a href="#">81.90, -67.79, 62.21</a>
CIElCh	<a href="#">82, 92.003, 137.458</a>
Yxy	<a href="#">60.1060, 0.3061, 0.5446</a>
Android (android.graphics.Color)	<a href="#">4283754571 (0xFF54E84B)</a>
YUV	<a href="#">169.8500, -46.7611, -75.2905</a>
Hunter-Lab	<a href="#">77.5281, -57.8930, 41.6683</a>

# Details

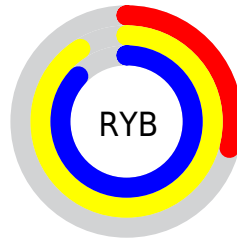
The Hex color **54E84B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **DF4BE8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **95FF83**, and **00AF01** is the 20% darker color. If you saturate the color by 10%, you get **3EE834**, and if you desaturate by 10%, it is **6AE862**.

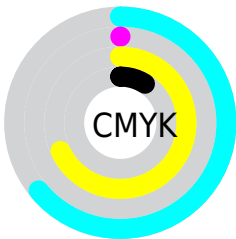
# Distribution



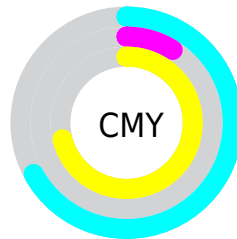
- Red (33%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (67%)
- Magenta (9%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54E84B 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 54E84B by changing the saturation by 10% instead.



 54E84B

 54E84B


FFFFFF

 2BCB2D

 95FF83

 00AF01

 B4FF9F

 009300

 D3FFBB

 007800

 F2FFD8

 005E00

 FFFFF5

 004500

 002D00

 000D00

 000000

 54E84B

 54E84B

 3EE834

 6AE862

 28E81D

 80E879

 12E805

 96E891

 0DE800

 ABE8A8

 C1E8BF

 D7E8D6

 EDE8ED

 FFE8FF

# Harmonies

## Analogous

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



C4D700



54E84B



00F1A3

# Triad

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



54E84B



00E0FF



FF729D

# Complementary

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



54E84B



DF4BE8

# 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.



FF75F4



54E84B



72C4FF

# Square

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



54E84B



00EFFF



FF9CFF



FF944D

# Rectangle

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



54E84B



00F3E0



FF9CFF



FF6DBA

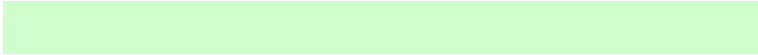


# Sweetspot

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



54E84B



CFFFCC



E8DE4B



638061



000000



808080



# Same Dimension

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



54E84B



3CFF30



4BE88F



687367



0AB300



033300



# Inverse Universe

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



DF4BE8



F330FF



E84BA4



726773



A800B3

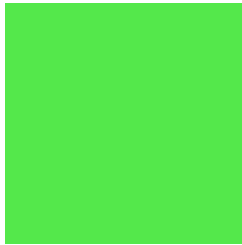


300033



# Previews

## White Background



This preview shows how the Hex color 54E84B 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 54E84B 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

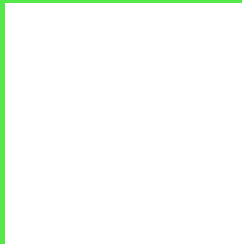
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54E84B Background



This preview shows how black text looks on a background with the Hex color 54E84B.

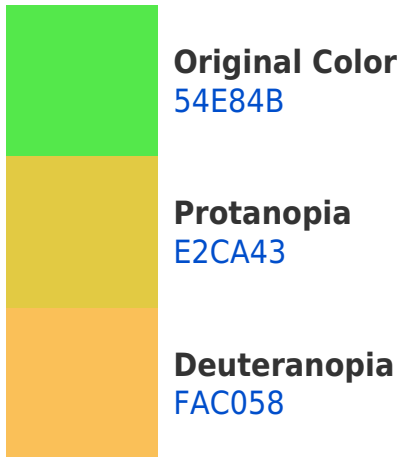


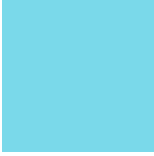
This preview shows how white text looks on a background with the Hex color 54E84B.

# 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](#).

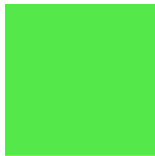
## Dichromacy



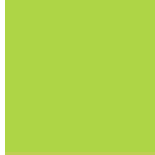


**Tritanopia**  
7AD9EA

# Trichromacy



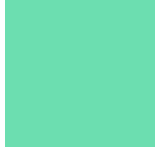
**Original Color**  
54E84B



**Protanomaly**  
AED546



**Deuteranomaly**  
BECF53



**Tritanomaly**  
6CDEB0

# Monochromacy



**Original Color**  
54E84B



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
8BC187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54E84B 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 #54E84B looks like.

```
.text, #text, p{  
    color:#54E84B  
}
```

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 #54E84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E84B
}
```

## Border

The CSS property to change the border of an element to Hex 54E84B 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
#54E84B }
```

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

```
.border{ border-color:#54E84B }
```

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

Here you see how a box with a 4 pixel #54E84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E84B; -webkit-box-shadow:4px 4px  
4px 4px #54E84B; box-shadow:4px 4px 4px  
4px #54E84B }
```

# Background

The CSS property to change the background color of an element to Hex 54E84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E84B }
```

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

```
.background{ background-color:#54E84B }
```

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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