

# Converting Colors

Hex(54F141)

Have a look what the booklet for  
Hex(54F141) contains.

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**Color**

**Hex(54F141)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 54F141                       |
| RGB         | 84, 241, 65                  |
| RGB Percent | 33%, 95%, 25%                |
| CMY         | 0.6706, 0.0549, 0.7451       |
| CMYK        | 0.65, 0.00, 0.73, 0.05       |
| HSL         | 114°, 86%, 60%               |
| HSV         | 114°, 73%, 95%               |
| XYZ         | 36.0656, 65.1771, 15.6806    |
| YIQ         | 173.9930, -37.0760, -88.0200 |

# Conversions

## Conversions Part 2

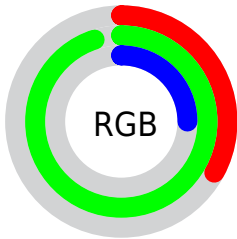
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 65, 241, 222                    |
| Decimal                             | 5566785                         |
| CIELab                              | 84.57, -71.53, 68.57            |
| CIELCh                              | 85, 99.089, 136.209             |
| Yxy                                 | 65.1771, 0.3085,<br>0.5574      |
| Android<br>(android.graphics.Color) | 4283756865<br>(0xFF54F141)      |
| YUV                                 | 173.9930, -53.7335,<br>-78.9239 |
| Hunter-Lab                          | 80.7323, -61.5402,<br>44.9967   |

# Details

The Hex color **54F141** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **DE41F1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **97FF7B**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **3FF129**, and if you desaturate by 10%, it is **69F159**.

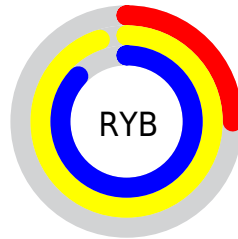
# Distribution



Red (33%)

Green (95%)

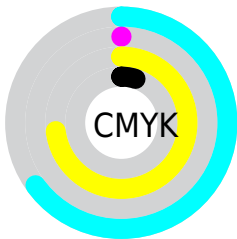
Blue (25%)



Red (25%)

Yellow (95%)

Blue (87%)

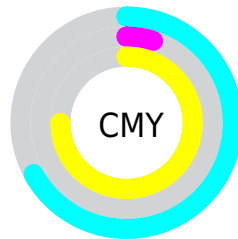


Cyan (65%)

Magenta (0%)

Yellow (73%)

Black (5%)



Cyan (67%)

Magenta (5%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54F141 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 54F141 by changing the saturation by 10% instead.



 54F141

 54F141


FFFFFF

 28D41E

 97FF7B

 00B700

 B6FF97

 009C00

 D5FFB4

 008000

 F5FFD1

 006600

 FFFFEF

 004C00

 003400

 001900

 000000

 54F141

 54F141

 3FF129

 69F159

 29F111

 7FF171

 1AF100

 94F189

 AAF1A1

 BFF1BA

 D5F1D2

 EAF1EA

 FFF1FF

# Harmonies

## Analogous

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



CDDE00



54F141



00FAA3

# Triad

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



54F141



00EAFB



FF6DA5

# Complementary

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



54F141



DE41F1

# 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.



FF73FF



54F141



59CDFF

# Square

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



54F141



00F9FF



FFA0FF



FF944C

# Rectangle

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



54F141



00FDE5



FFA0FF



FF68C4

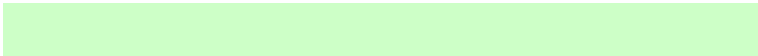


# Sweetspot

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



54F141



CDFFC7



F1DC41



62805E



000000



808080



# Same Dimension

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



54F141



37FF1F



41F184



6D786C



14B800



063800



# Inverse Universe

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



DE41F1



E71FFF



F141AE



776C78



A400B8

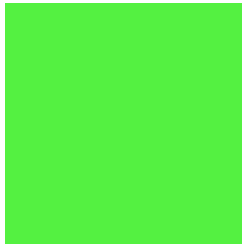


320038



# Previews

## White Background



This preview shows how the Hex color 54F141 looks on a white background.

## Color Contrast Check

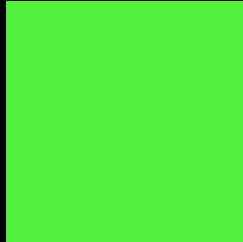
Large Text (above 18pt) WCAG AA × Fail

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 54F141 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

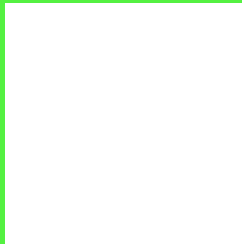
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54F141 Background



This preview shows how black text looks on a background with the Hex color 54F141.

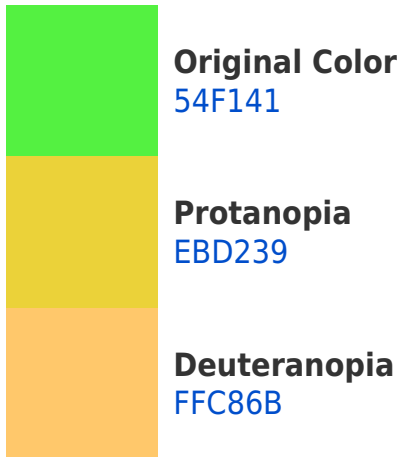


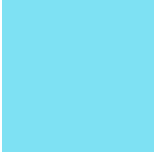
This preview shows how white text looks on a background with the Hex color 54F141.

# 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](#).

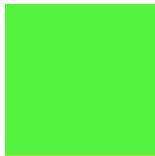
## Dichromacy





**Tritanopia**  
7EE1F3

# Trichromacy



**Original Color**  
54F141



**Protanomaly**  
B4DD3C



**Deuteranomaly**  
C1D75C

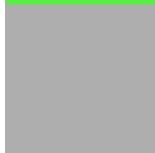


**Tritanomaly**  
6FE7B2

# Monochromacy



**Original Color**  
54F141



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
8DC686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54F141 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 #54F141 looks like.

```
.text, #text, p{  
    color:#54F141  
}
```

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 #54F141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54F141
}
```

## Border

The CSS property to change the border of an element to Hex 54F141 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
#54F141 }
```

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

```
.border{ border-color:#54F141 }
```

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

Here you see how a box with a 4 pixel #54F141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54F141; -webkit-box-shadow:4px 4px  
4px 4px #54F141; box-shadow:4px 4px 4px  
4px #54F141 }
```

# Background

The CSS property to change the background color of an element to Hex 54F141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54F141 }
```

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

```
.background{ background-color:#54F141 }
```

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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