

Converting Colors

Hex(54F754)

Have a look what the booklet for
Hex(54F754) contains.

Hex(54F754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(54F754)

Conversions

Conversions Part 1

Format	Color
Hex	54F754
RGB	84, 247, 84
RGB Percent	33%, 97%, 33%
CMY	0.6706, 0.0314, 0.6706
CMYK	0.66, 0.00, 0.66, 0.03
HSL	120°, 91%, 65%
HSV	120°, 66%, 97%
XYZ	38.5172, 69.0464, 19.6847
YIQ	179.6810, -44.8250, -85.2490

Conversions

Conversions Part 2

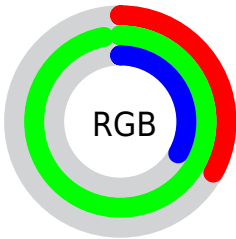
Format	Color
R _{YB}	84, 247, 247
Decimal	5568340
CIE Lab	86.53, -71.92, 63.68
CIE LCh	87, 96.063, 138.477
Yxy	69.0464, 0.3027, 0.5426
Android (android.graphics.Color)	4283758420 (0xFF54F754)
YUV	179.6810, -47.1707, -83.9122
Hunter-Lab	83.0942, -62.6736, 44.1203

Details

The Hex color **54F754** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **F754F7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **97FF8C**, and **00BD12** is the 20% darker color. If you saturate the color by 10%, you get **3BF73B**, and if you desaturate by 10%, it is **6DF76D**.

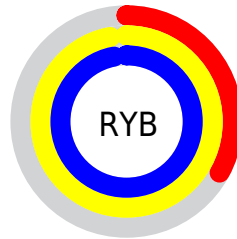
Distribution



Red (33%)

Green (97%)

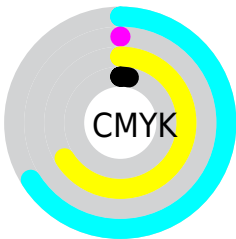
Blue (33%)



Red (33%)

Yellow (97%)

Blue (97%)

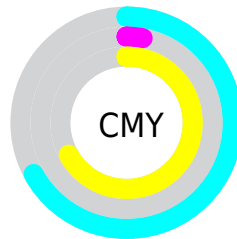


Cyan (66%)

Magenta (0%)

Yellow (66%)

Black (3%)



Cyan (67%)

Magenta (3%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54F754 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 54F754 by changing the saturation by 10% instead.

 54F754

 54F754

FFFFFF

 28DA37

 97FF8C

 00BD12

 B7FFA8

 00A100

 D6FFC5

 008600

 F5FFE2

 006B00

 005100

 003900

 001F00

 000000

 54F754

 54F754

 3BF73B

 6DF76D

 23F723

 85F785

 0AF70A

 9EF79E

 00F700

 B7F7B7

 D0F7D0

 E8F7E8

 FFF7FF

Harmonies

Analogous

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



CDE500



54F754



00FFB1

Triad

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



54F754



00EDFF



FF7BA5

Complementary

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



54F754



F754F7

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.



FF7CFF



54F754



84CFFF

Square

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



54F754



00DFF



FFA5FF



FFA050

Rectangle

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



54F754



00FFF1



FFA5FF



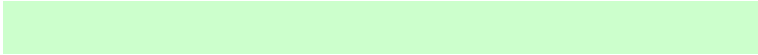
FF75C3

Sweetspot

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



54F754



CCFFCC



F7F754



618061



000000



808080

Same Dimension

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



54F754



36FF36



54F7A6



6E7A6E



00BA00



003B00

Inverse Universe

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



F754F7



FF36FF



F754A6



7A6E7A



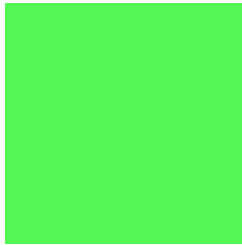
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 54F754 looks on a white background.

Color Contrast Check

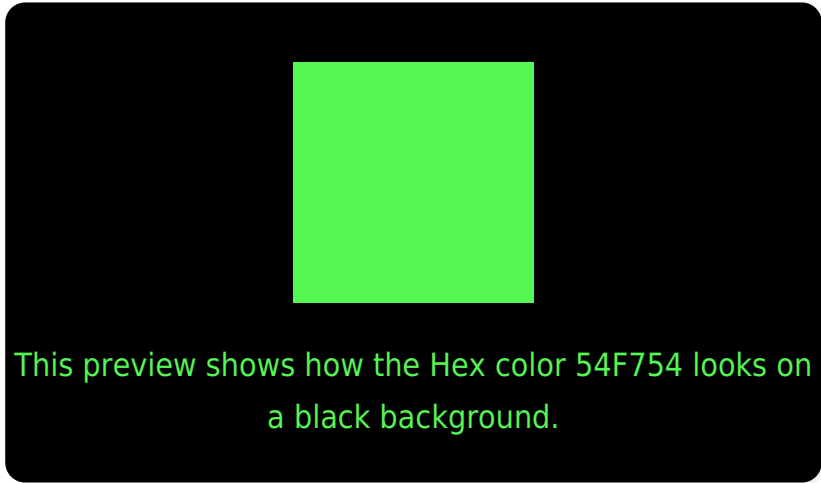
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 54F754 Background



This preview shows how black text looks on a background with the Hex color 54F754.

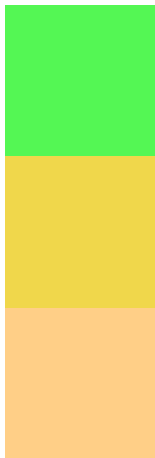


This preview shows how white text looks on a background with the Hex color 54F754.

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](#).

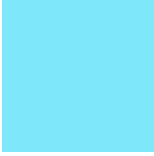
Dichromacy



Original Color
E67E22

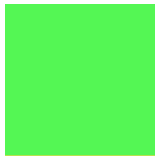
Protanopia
F0D74B

Deuteranopia
FFCF87



Tritanopia
7FE7FA

Trichromacy



Original Color

54F754



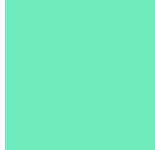
Protanomaly

B7E34E



Deuteranomaly

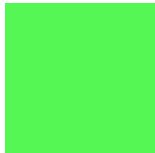
C1DE74



Tritanomaly

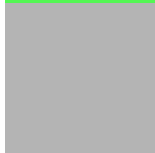
6FEDBE

Monochromacy



Original Color

54F754



Achromatopsia

B4B4B4



Achromatomaly

91CC91

CSS Examples

Text

The CSS property to change the color of the text to Hex 54F754 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 #54F754 looks like.

```
.text, #text, p{  
    color:#54F754  
}
```

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 #54F754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54F754
}
```

Border

The CSS property to change the border of an element to Hex 54F754 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
#54F754 }
```

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

```
.border{ border-color:#54F754 }
```

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

Here you see how a box with a 4 pixel #54F754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54F754; -webkit-box-shadow:4px 4px  
4px 4px #54F754; box-shadow:4px 4px 4px  
4px #54F754 }
```

Background

The CSS property to change the background color of an element to Hex 54F754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54F754 }
```

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

```
.background{ background-color:#54F754 }
```

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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