

# Converting Colors

Hex(52F344)

Have a look what the booklet for  
Hex(52F344) contains.

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**Color**

**Hex(52F344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52F344
RGB	82, 243, 68
RGB Percent	32%, 95%, 27%
CMY	0.6784, 0.0471, 0.7333
CMYK	0.66, 0.00, 0.72, 0.05
HSL	115°, 88%, 61%
HSV	115°, 72%, 95%
XYZ	36.5737, 66.3124, 16.3408
YIQ	174.9110, -39.7810, -88.5570

# Conversions

## Conversions Part 2

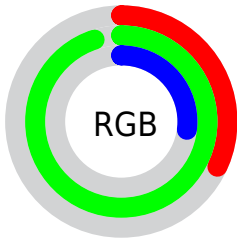
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 243, 229</a>
Decimal	<a href="#">5436228</a>
CIELab	<a href="#">85.16, -72.34, 68.12</a>
CIELCh	<a href="#">85, 99.367, 136.720</a>
Yxy	<a href="#">66.3124, 0.3068, 0.5562</a>
Android (android.graphics.Color)	<a href="#">4283626308 (0xFF52F344)</a>
YUV	<a href="#">174.9110, -52.7071, -81.4829</a>
Hunter-Lab	<a href="#">81.4324, -62.3372, 45.1052</a>

# Details

The Hex color **52F344** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **E544F3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **96FF7E**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **3CF32C**, and if you desaturate by 10%, it is **68F35C**.

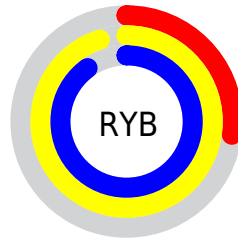
# Distribution



Red (32%)

Green (95%)

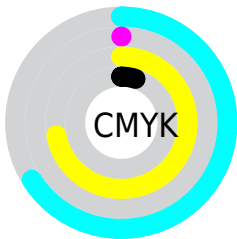
Blue (27%)



Red (27%)

Yellow (95%)

Blue (90%)

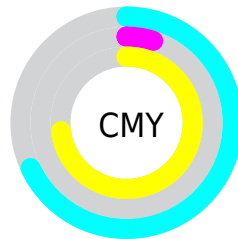


Cyan (66%)

Magenta (0%)

Yellow (72%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52F344 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 52F344 by changing the saturation by 10% instead.



 52F344

 52F344


FFFFFF

 24D623

 96FF7E

 00B900

 B5FF9A

 009D00

 D4FFB7

 008200

 F4FFD4

 006700

 FFFFF1

 004E00

 003600

 001B00

 000000

 52F344

 52F344

 3CF32C

 68F35C

 25F313

 7FF375

 13F300

 95F38D

 ABF3A5

 C2F3BD

 D8F3D6

 EEF3EE

 FFF3FF

# Harmonies

## Analogous

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



CDE000



52F344



00FCA6

# Triad

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



52F344



00ECFF



FF6EA5

# Complementary

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



52F344



E544F3

# 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.



FF74FF



52F344



62CEFF

# Square

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



52F344



00BFF



FFA1FF



FF964C

# Rectangle

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



52F344



00FFE8



FFA1FF



FF69C4

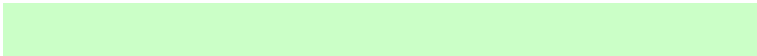


# Sweetspot

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



52F344



CBFFC7



F3E444



61805E



000000



808080



# Same Dimension

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



52F344



35FF24



44F38D



6F7A6E



0FBA00



053B00



# Inverse Universe

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



E544F3



ED24FF



F344AA



796E7A



AB00BA

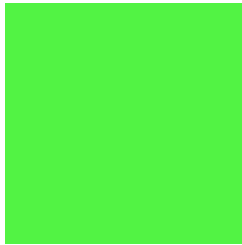


36003B



# Previews

## White Background



This preview shows how the Hex color 52F344 looks on a white background.

## Color Contrast Check

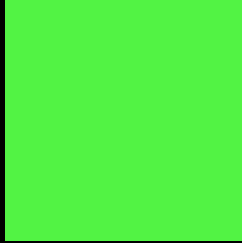
Large Text (above 18pt) WCAG AA × Fail

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 52F344 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

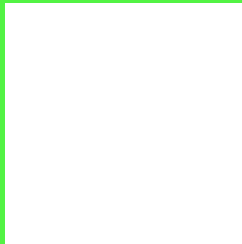
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52F344 Background



This preview shows how black text looks on a background with the Hex color 52F344.

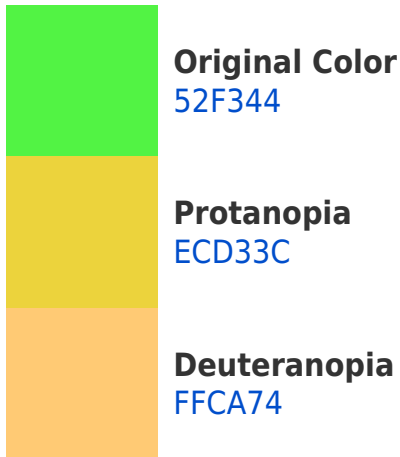


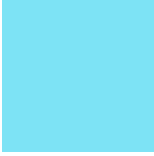
This preview shows how white text looks on a background with the Hex color 52F344.

# 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](#).

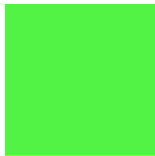
## Dichromacy





**Tritanopia**  
7DE3F5

# Trichromacy



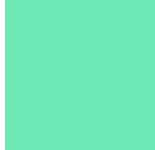
**Original Color**  
52F344



**Protanomaly**  
B4DF3F



**Deuteranomaly**  
C0D963

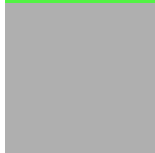


**Tritanomaly**  
6DE9B5

# Monochromacy



**Original Color**  
52F344



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
8DC888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52F344 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 #52F344 looks like.

```
.text, #text, p{  
    color:#52F344  
}
```

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 #52F344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F344
}
```

## Border

The CSS property to change the border of an element to Hex 52F344 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
#52F344 }
```

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

```
.border{ border-color:#52F344 }
```

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

Here you see how a box with a 4 pixel #52F344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F344; -webkit-box-shadow:4px 4px  
4px 4px #52F344; box-shadow:4px 4px 4px  
4px #52F344 }
```

# Background

The CSS property to change the background color of an element to Hex 52F344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F344 }
```

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

```
.background{ background-color:#52F344 }
```

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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