

Converting Colors

Hex(51F541)

Have a look what the booklet for
Hex(51F541) contains.

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Color

Hex(51F541)

Conversions

Conversions Part 1

Format	Color
Hex	51F541
RGB	81, 245, 65
RGB Percent	32%, 96%, 25%
CMY	0.6824, 0.0392, 0.7451
CMYK	0.67, 0.00, 0.73, 0.04
HSL	115°, 90%, 61%
HSV	115°, 73%, 96%
XYZ	36.9999, 67.4358, 16.0673
YIQ	175.4440, -39.9640, -90.7480

Conversions

Conversions Part 2

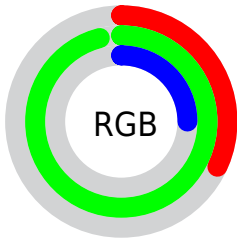
Format	Color
RYB	65, 245, 229
Decimal	5371201
CIELab	85.72, -73.38, 69.70
CIELCh	86, 101.206, 136.475
Yxy	67.4358, 0.3070, 0.5596
Android (android.graphics.Color)	4283561281 (0xFF51F541)
YUV	175.4440, -54.4489, -82.8274
Hunter-Lab	82.1193, -63.2834, 45.8829

Details

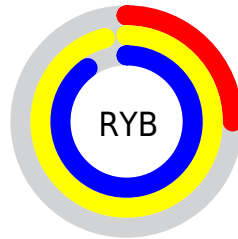
The Hex color **51F541** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **E541F5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **95FF7B**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **3BF529**, and if you desaturate by 10%, it is **67F55A**.

Distribution



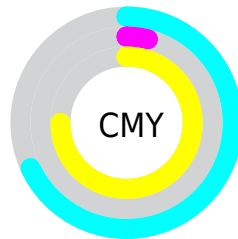
- Red (32%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (73%)
- Black (4%)



- Cyan (68%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 51F541 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 51F541 by changing the saturation by 10% instead.

 51F541

 51F541


FFFFFF

 21D81E

 95FF7B

 00BB00

 B5FF98

 009F00

 D4FFB5

 008400

 F4FFD2

 006900

 FFFFEF

 004F00

 003700

 001C00

 000000

 51F541

 51F541

 3BF529

 67F55A

 24F510

 7EF572

 16F500

 94F58B

 AAF5A3

 C1F5BB

 D7F5D4

 EDF5EC

 FFF5FF

Harmonies

Analogous

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



CFE200



51F541



00FEA6

Triad

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



51F541



00EEFF



FF6CA6

Complementary

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



51F541



E541F5

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.



FF72FF



51F541



5BD0FF

Square

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



51F541



00DFF



FFA2FF



FF964B

Rectangle

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



51F541



00FFE9



FFA2FF



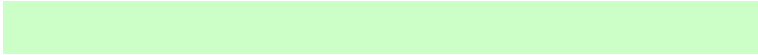
FF67C6

Sweetspot

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



51F541



CCFFC7



F5E341



61805E



000000



808080

Same Dimension

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



51F541



33FF1F



41F589



6F7A6E



11BA00



053B00

Inverse Universe

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



E541F5



EB1FFF



F541AD



796E7A



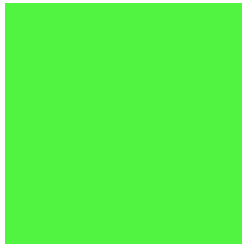
AA00BA



35003B

Previews

White Background



This preview shows how the Hex color 51F541 looks on a white background.

Color Contrast Check

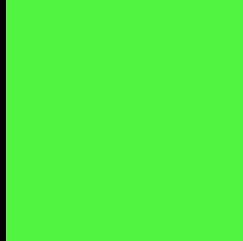
Large Text (above 18pt) WCAG AA × Fail

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 51F541 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

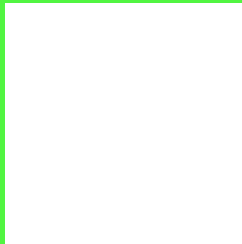
Any Text WCAG AAA ✓ Pass

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

Hex 51F541 Background



This preview shows how black text looks on a background with the Hex color 51F541.

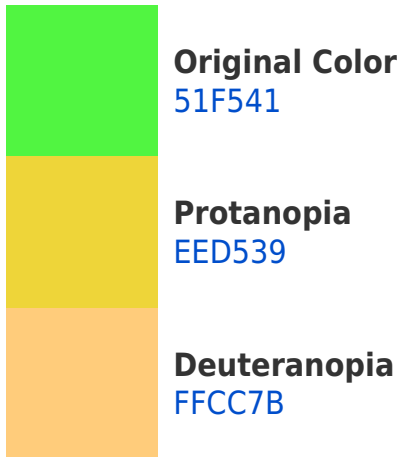


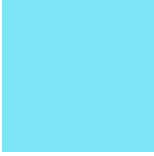
This preview shows how white text looks on a background with the Hex color 51F541.

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](#).

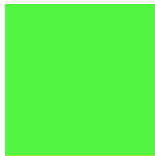
Dichromacy





Tritanopia
7DE5F7

Trichromacy



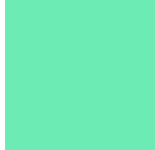
Original Color
51F541



Protanomaly
B5E13C

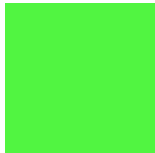


Deuteranomaly
C0DB66

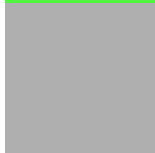


Tritanomaly
6DEBB5

Monochromacy



Original Color
51F541



Achromatopsia
AFAFAF



Achromatomaly
8DC887

CSS Examples

Text

The CSS property to change the color of the text to Hex 51F541 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 #51F541 looks like.

```
.text, #text, p{  
    color:#51F541  
}
```

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 #51F541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F541
}
```

Border

The CSS property to change the border of an element to Hex 51F541 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
#51F541 }
```

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

```
.border{ border-color:#51F541 }
```

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

Here you see how a box with a 4 pixel #51F541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F541; -webkit-box-shadow:4px 4px  
4px 4px #51F541; box-shadow:4px 4px 4px  
4px #51F541 }
```

Background

The CSS property to change the background color of an element to Hex 51F541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F541 }
```

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

```
.background{ background-color:#51F541 }
```

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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