

Converting Colors

Hex(52FF57)

Have a look what the booklet for
Hex(52FF57) contains.

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Color

Hex(52FF57)

Conversions

Conversions Part 1

Format	Color
Hex	52FF57
RGB	82, 255, 87
RGB Percent	32%, 100%, 34%
CMY	0.6784, 0.0000, 0.6588
CMYK	0.68, 0.00, 0.66, 0.00
HSL	122°, 100%, 66%
HSV	122°, 68%, 100%
XYZ	40.9600, 74.0020, 21.1418
YIQ	184.1210, -49.1800, -88.9240

Conversions

Conversions Part 2

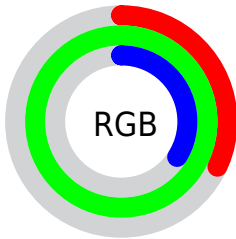
Format	Color
RYB	82, 250, 255
Decimal	5439319
CIELab	88.92, -74.59, 65.09
CIELCh	89, 98.995, 138.890
Yxy	74.0020, 0.3009, 0.5437
Android (android.graphics.Color)	4283629399 (0xFF52FF57)
YUV	184.1210, -47.8807, -89.5601
Hunter-Lab	86.0244, -65.5510, 45.6456

Details

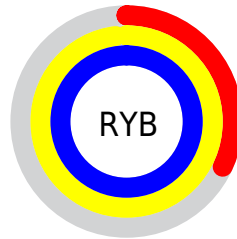
The Hex color **52FF57** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **FF52FA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **97FF8F**, and **00C516** is the 20% darker color. If you saturate the color by 10%, you get **39FF3E**, and if you desaturate by 10%, it is **6BFF70**.

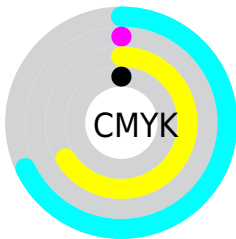
Distribution



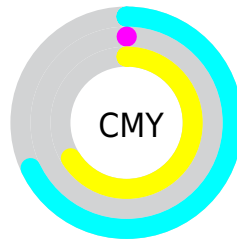
- Red (32%)
- Green (100%)
- Blue (34%)



- Red (32%)
- Yellow (98%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52FF57 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 52FF57 by changing the saturation by 10% instead.

 52FF57

FFFFFF

 97FF8F

 B7FFAC

 D6FFC8

 F6FFE6

 52FF57

 21E23A

 00C516

 00A800

 008D00

 007200

 005800

 003F00

 002500

 000000

■ 52FF57

■ 52FF57

■ 39FF3E

■ 6BFF70

■ 1FFF25

■ 85FF89

■ 06FF0D

■ 9FFFA1

■ 00FF07

■ B8FFBA

■ D2FFD3

■ EBFFEC

FFFFFF

Harmonies

Analogous

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



D2ED00



52FF57



00FFB8

Triad

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



52FF57



00F5FF



FF7EA8

Complementary

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



52FF57



FF52FA

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.



FF7FFF



52FF57



8BD5FF

Square

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



52FF57



00FFFF



FFA9FF



FFA550

Rectangle

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



52FF57



00FFFA



FFA9FF



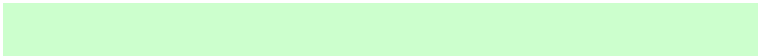
FF78C7

Sweetspot

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



52FF57



CCFFCD



FCFF52



618062



000000



808080

Same Dimension

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



52FF57



30FF36



52FFAB



738073



00BF06



004002

Inverse Universe

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



FF52FA



FF30F9



FF52A6



80737F



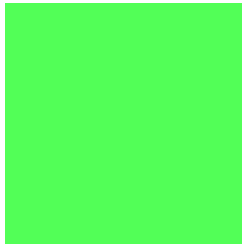
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 52FF57 looks on a white background.

Color Contrast Check

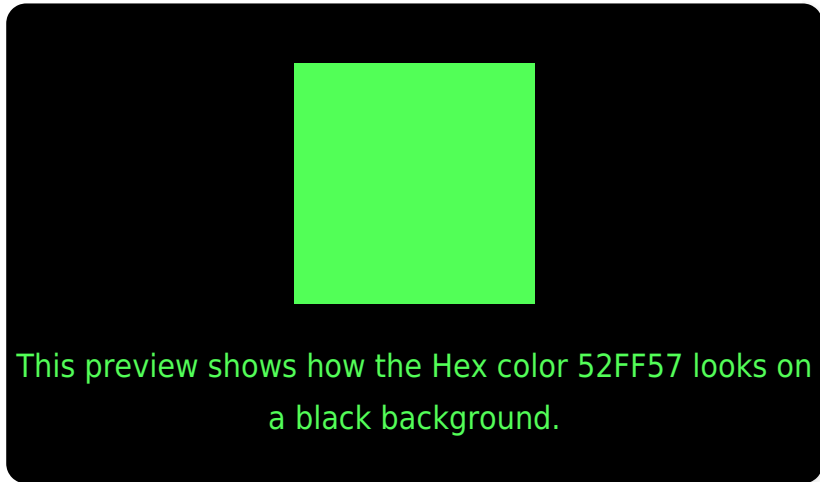
Large Text (above 18pt) WCAG AA × Fail

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

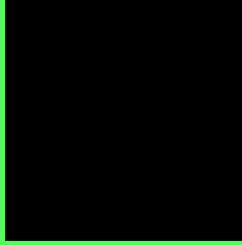
Any Text WCAG AA ✓ Pass

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 52FF57 Background



This preview shows how black text looks on a background with the Hex color 52FF57.

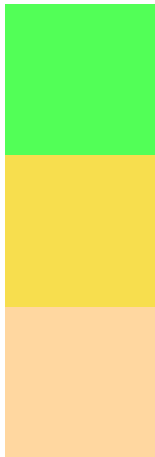


This preview shows how white text looks on a background with the Hex color 52FF57.

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](#).

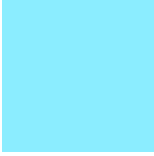
Dichromacy



Original Color
E67E22

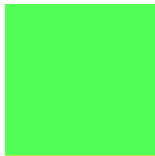
Protanopia
F7DE4E

Deuteranopia
FFD7A0

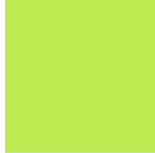


Tritanopia
8BEDFF

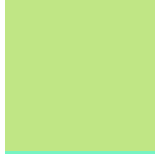
Trichromacy



Original Color
52FF57



Protanomaly
BBEA51

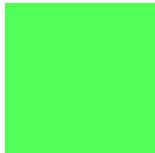


Deuteranomaly
C0E685

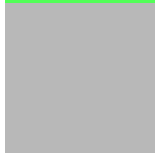


Tritanomaly
76F4C2

Monochromacy



Original Color
52FF57



Achromatopsia
B8B8B8



Achromatomaly
93D295

CSS Examples

Text

The CSS property to change the color of the text to Hex 52FF57 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 #52FF57 looks like.

```
.text, #text, p{  
    color:#52FF57  
}
```

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 #52FF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52FF57
}
```

Border

The CSS property to change the border of an element to Hex 52FF57 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
#52FF57 }
```

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

```
.border{ border-color:#52FF57 }
```

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

Here you see how a box with a 4 pixel #52FF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52FF57; -webkit-box-shadow:4px 4px  
4px 4px #52FF57; box-shadow:4px 4px 4px  
4px #52FF57 }
```

Background

The CSS property to change the background color of an element to Hex 52FF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52FF57 }
```

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

```
.background{ background-color:#52FF57 }
```

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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