

Converting Colors

Hex(08FF57)

Have a look what the booklet for
Hex(08FF57) contains.

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Color

Hex(08FF57)

Conversions

Conversions Part 1

Format	Color
Hex	08FF57
RGB	8, 255, 87
RGB Percent	3%, 100%, 34%
CMY	0.9686, 0.0000, 0.6588
CMYK	0.97, 0.00, 0.66, 0.00
HSL	139°, 100%, 52%
HSV	139°, 97%, 100%
XYZ	37.5804, 72.2597, 20.9837
YIQ	161.9950, -93.2840, -104.6120

Conversions

Conversions Part 2

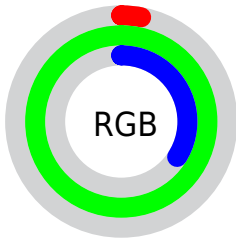
Format	Color
RYB	8, 195, 255
Decimal	589655
CIELab	88.09, -81.70, 63.95
CIELCh	88, 103.748, 141.948
Yxy	72.2597, 0.2873, 0.5523
Android (android.graphics.Color)	4278779735 (0xFF08FF57)
YUV	161.9950, -36.9725, -135.0536
Hunter-Lab	85.0057, -69.8464, 44.8683

Details

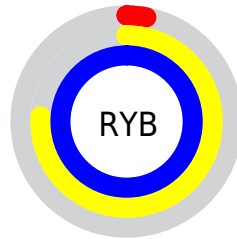
The Hex color **08FF57** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FF08B0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **76FF8F**, and **00C416** is the 20% darker color. If you saturate the color by 10%, you get **00FF52**, and if you desaturate by 10%, it is **21FF68**.

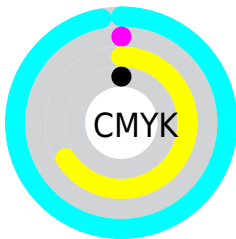
Distribution



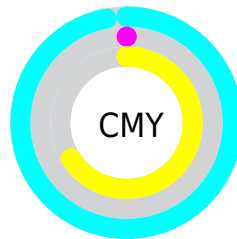
- Red (3%)
- Green (100%)
- Blue (34%)



- Red (3%)
- Yellow (76%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (97%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08FF57 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 08FF57 by changing the saturation by 10% instead.

 08FF57

 08FF57

FFFFFF

 00E13A

 76FF8F

 00C416

 99FFAB

 00A800

 BBFFC8

 008C00

 DBFFE5

 007100

 FCFFFF

 005600

 003E00

 002300

 000000

08FF57

08FF57

00FF52

21FF68

3BFF7A

55FF8B

6EFF9C

88FFAE

A1FFBF

BBFFD0

D4FFE2

EEFFF3

Harmonies

Analogous

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



C3EE00



08FF57



00FFBE

Triad

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



08FF57



00F1FF



FF759A

Complementary

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



08FF57



FF08B0

Split Complementary

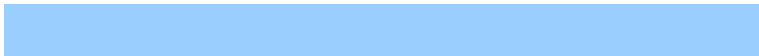
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70FC



08FF57



9ACEFF

Square

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



08FF57



00FFFF



FF9DFF



FFA33B

Rectangle

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



08FF57



00FFFF



FF9DFF



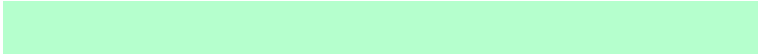
FF6CBA

Sweetspot

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



08FF57



B5FFCD



B1FF08



538061



000000



808080

Same Dimension

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



08FF57



00FF52



08FFD2



738077



00BF3D



004014

Inverse Universe

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



FF08B0



FF00AD



FF0835



80737B



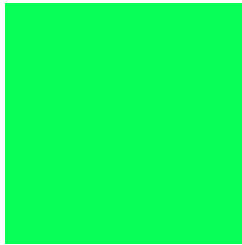
BF0082



40002B

Previews

White Background



This preview shows how the Hex color 08FF57 looks on a white background.

Color Contrast Check

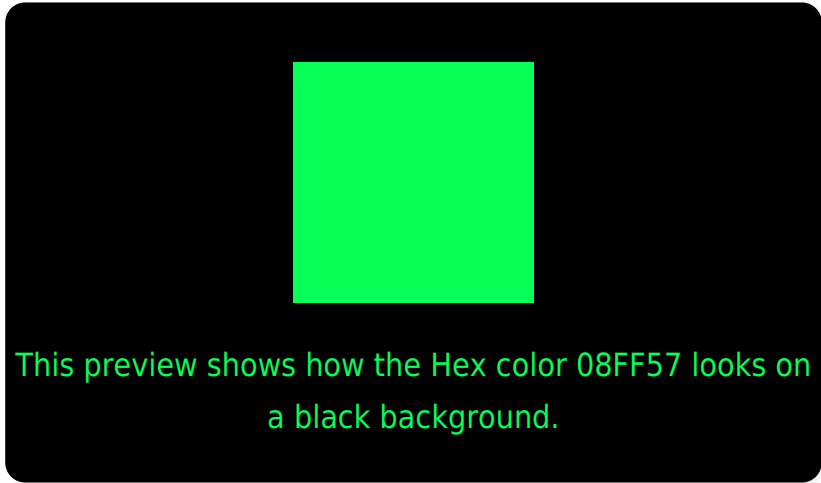
Large Text (above 18pt) WCAG AA × Fail

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

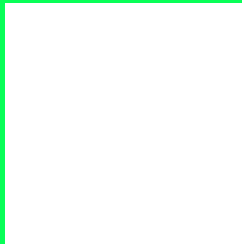
Any Text WCAG AAA ✓ Pass

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

Hex 08FF57 Background



This preview shows how black text looks on a background with the Hex color 08FF57.

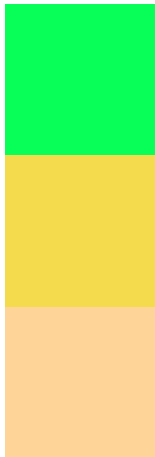


This preview shows how white text looks on a background with the Hex color 08FF57.

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](#).

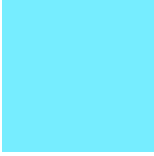
Dichromacy



Original Color
08FF57

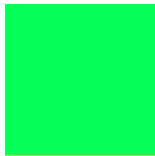
Protanopia
F4DB4D

Deuteranopia
FFD498



Tritanopia
76EDFF

Trichromacy



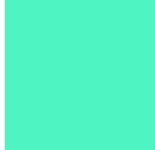
Original Color
08FF57



Protanomaly
9EE851



Deuteranomaly
A5E480

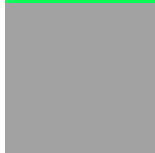


Tritanomaly
4EF4C2

Monochromacy



Original Color
08FF57



Achromatopsia
A2A2A2



Achromatomaly
6AC487

CSS Examples

Text

The CSS property to change the color of the text to Hex 08FF57 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 #08FF57 looks like.

```
.text, #text, p{  
    color:#08FF57  
}
```

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 #08FF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08FF57
}
```

Border

The CSS property to change the border of an element to Hex 08FF57 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
#08FF57 }
```

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

```
.border{ border-color:#08FF57 }
```

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

Here you see how a box with a 4 pixel #08FF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08FF57; -webkit-box-shadow:4px 4px  
4px 4px #08FF57; box-shadow:4px 4px 4px  
4px #08FF57 }
```

Background

The CSS property to change the background color of an element to Hex 08FF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08FF57 }
```

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

```
.background{ background-color:#08FF57 }
```

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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