

Converting Colors

Hex(68FF3A)

Have a look what the booklet for
Hex(68FF3A) contains.

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Color

Hex(68FF3A)

Conversions

Conversions Part 1

Format	Color
Hex	68FF3A
RGB	104, 255, 58
RGB Percent	41%, 100%, 23%
CMY	0.5922, 0.0000, 0.7725
CMYK	0.59, 0.00, 0.77, 0.00
HSL	106°, 100%, 61%
HSV	106°, 77%, 100%
XYZ	42.2326, 74.7685, 16.2089
YIQ	187.3930, -26.7590, -93.2790

Conversions

Conversions Part 2

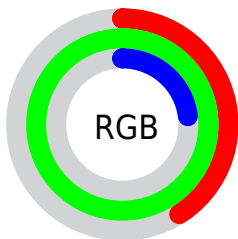
Format	Color
RYB	58, 255, 209
Decimal	6881082
CIELab	89.28, -72.27, 75.53
CIELCh	89, 104.536, 133.738
Yxy	74.7685, 0.3170, 0.5613
Android (android.graphics.Color)	4285071162 (0xFF68FF3A)
YUV	187.3930, -63.7907, -73.1357
Hunter-Lab	86.4688, -64.1384, 49.4141

Details

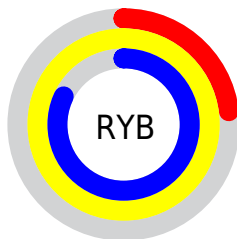
The Hex color **68FF3A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D13AFF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A9FF77**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **54FF20**, and if you desaturate by 10%, it is **7CFF53**.

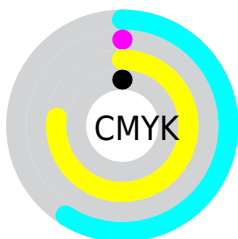
Distribution



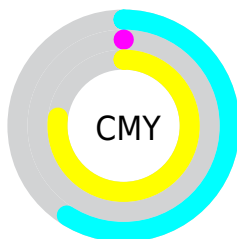
- Red (41%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (82%)



- Cyan (59%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68FF3A 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 68FF3A by changing the saturation by 10% instead.

 68FF3A

 68FF3A

FFFFFF

 43E20D

 A9FF77

 00C500

 C8FF94

 00A900

 E8FFB1

 008D00

 FFFFCE

 007200

 FFFFEC

 005800

 003F00

 002600

 000000

 68FF3A

 68FF3A

 54FF20

 7CFF53

 41FF07

 8FFF6D

 3CFF00

 A3FF86

 B6FFA0

 CAFFB9

 DDFFD3

 F1FFEC

FFFFFF

Harmonies

Analogous

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



E2EA00



68FF3A



00FFA5

Triad

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



68FF3A



00BFFF



FF70B7

Complementary

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



68FF3A



D13AFF

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



68FF3A



1FDDFF

Square

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



68FF3A



00FFFF



FFAEFF



FF9958

Rectangle

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



68FF3A



00FFEA



FFAEFF



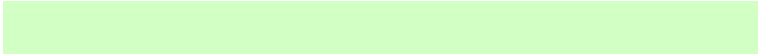
FF6DD8

Sweetspot

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



68FF3A



D2FFC4



FFCE3A



64805C



000000



808080

Same Dimension

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



68FF3A



49FF12



3AFF6B



768073



2DBF00



0F4000

Inverse Universe

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



D13AFF



C812FF



FF3ACE



7D7380



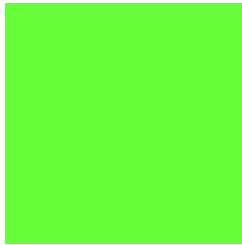
9300BF



310040

Previews

White Background



This preview shows how the Hex color 68FF3A looks on a white background.

Color Contrast Check

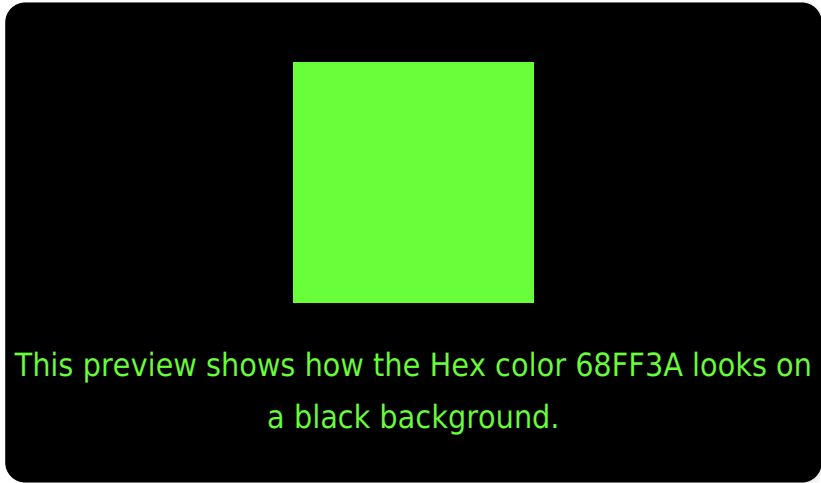
Large Text (above 18pt) WCAG AA × Fail

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

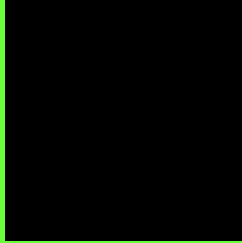
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

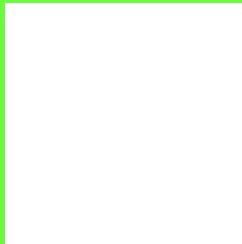
Any Text WCAG AAA ✓ Pass

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

Hex 68FF3A Background



This preview shows how black text looks on a background with the Hex color 68FF3A.

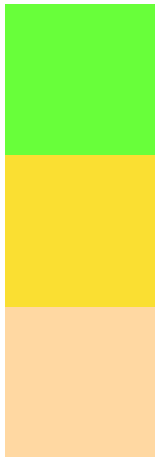


This preview shows how white text looks on a background with the Hex color 68FF3A.

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](#).

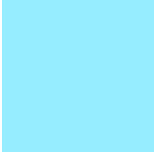
Dichromacy



Original Color
68FF3A

Protanopia
FADF32

Deuteranopia
FFD8A2

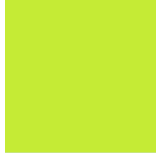


Tritanopia
95EDFF

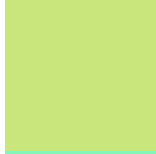
Trichromacy



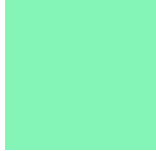
Original Color
68FF3A



Protanomaly
C5EB35

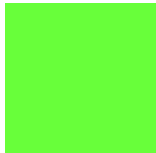


Deuteranomaly
C8E67C

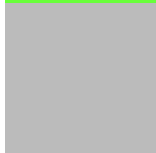


Tritanomaly
85F4B7

Monochromacy



Original Color
68FF3A



Achromatopsia
BBBBBB



Achromatomaly
9DD48C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68FF3A 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 #68FF3A looks like.

```
.text, #text, p{  
    color:#68FF3A  
}
```

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 #68FF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68FF3A
}
```

Border

The CSS property to change the border of an element to Hex 68FF3A 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
#68FF3A }
```

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

```
.border{ border-color:#68FF3A }
```

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

Here you see how a box with a 4 pixel #68FF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68FF3A; -webkit-box-shadow:4px 4px  
4px 4px #68FF3A; box-shadow:4px 4px 4px  
4px #68FF3A }
```

Background

The CSS property to change the background color of an element to Hex 68FF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68FF3A }
```

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

```
.background{ background-color:#68FF3A }
```

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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