

Converting Colors

Hex(68F386)

Have a look what the booklet for
Hex(68F386) contains.

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Color

Hex(68F386)

Conversions

Conversions Part 1

Format	Color
Hex	68F386
RGB	104, 243, 134
RGB Percent	41%, 95%, 53%
CMY	0.5922, 0.0471, 0.4745
CMYK	0.57, 0.00, 0.45, 0.05
HSL	133°, 85%, 68%
HSV	133°, 57%, 95%
XYZ	42.0626, 68.7655, 33.6104
YIQ	189.0130, -47.8550, -63.3670

Conversions

Conversions Part 2

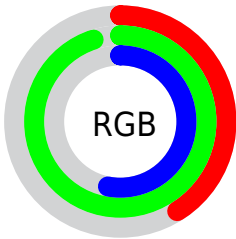
Format	Color
RYB	104, 218, 243
Decimal	6878086
CIELab	86.39, -60.30, 41.36
CIELCh	86, 73.124, 145.550
Yxy	68.7655, 0.2912, 0.4761
Android (android.graphics.Color)	4285068166 (0xFF68F386)
YUV	189.0130, -27.1214, -74.5564
Hunter-Lab	82.9249, -54.5769, 34.0166

Details

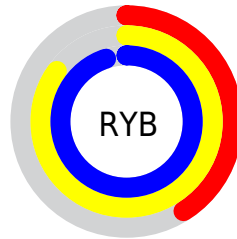
The Hex color **68F386** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F368D5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A5FFBD**, and **1CBA52** is the 20% darker color. If you saturate the color by 10%, you get **50F373**, and if you desaturate by 10%, it is **80F399**.

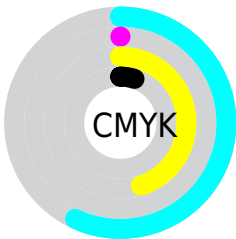
Distribution



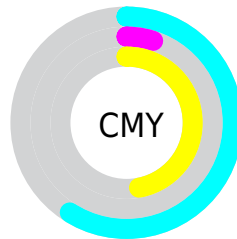
- Red (41%)
- Green (95%)
- Blue (53%)



- Red (41%)
- Yellow (85%)
- Blue (95%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (59%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68F386 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 68F386 by changing the saturation by 10% instead.

 68F386

 68F386

FFFFFF

 47D66C

 A5FFBD

 1CBA52

 C3FFD9

 009E39

 E2FFF6

 00831F

 006900

 004F00

 003700

 001E00

 000000

 68F386

 68F386

 50F373

 80F399

 37F360

 99F3AC

 1FF34D

 B1F3BF

 07F33A

 C9F3D2

 00F334

 E1F3E5

 FAF3F8

 FFF3FF

Harmonies

Analogous

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



C3E651



68F386



00F9CB

Triad

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



68F386



00E3FF



FF9FA0

Complementary

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



68F386



F368D5

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.



FF9AE6



68F386



C8CAFF

Square

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



68F386



00F3FF



FFADFF



FFB666

Rectangle

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



68F386



00FAFB



FFADFF



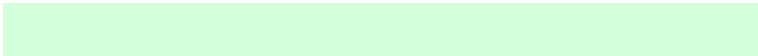
FF9AB7

Sweetspot

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



68F386



D4FFDD



D7F368



66806C



000000



808080

Same Dimension

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



68F386



4FFF75



68F3C9



6E7A71



00BA28



003B0D

Inverse Universe

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



F368D5



FF4FD9



F36892



7A6E78



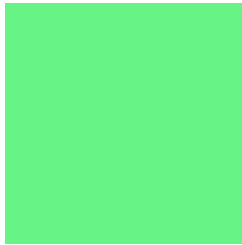
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 68F386 looks on a white background.

Color Contrast Check

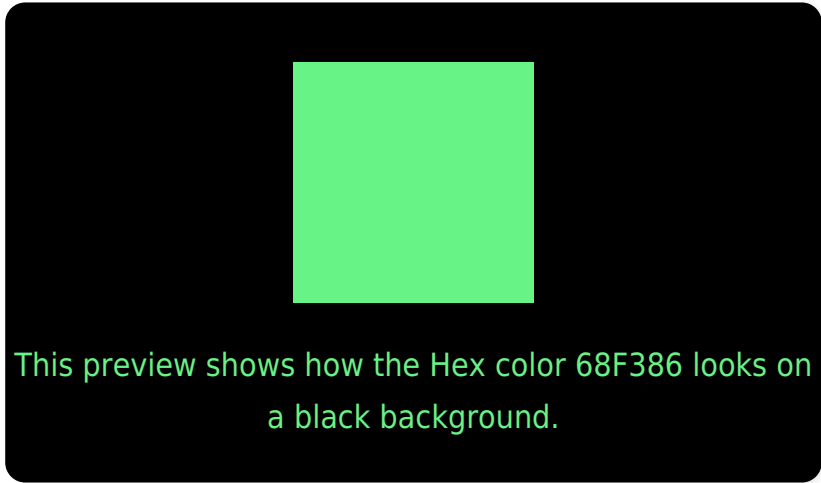
Large Text (above 18pt) WCAG AA × Fail

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

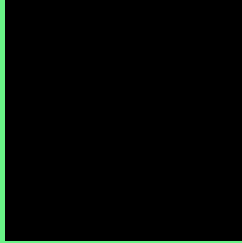
Any Text WCAG AA ✓ Pass

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 68F386 Background



This preview shows how black text looks on a background with the Hex color 68F386.

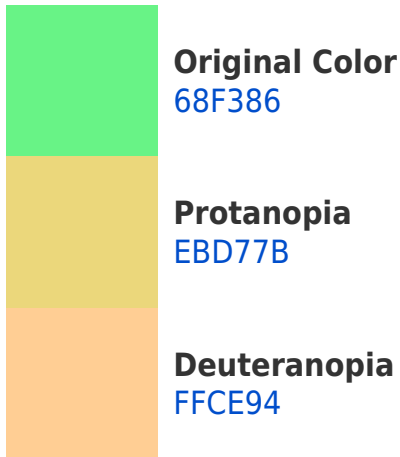


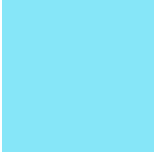
This preview shows how white text looks on a background with the Hex color 68F386.

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
86E6F8

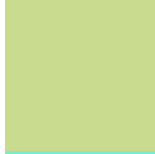
Trichromacy



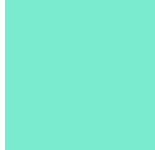
Original Color
68F386



Protanomaly
BBE17F



Deuteranomaly
C8DB8F

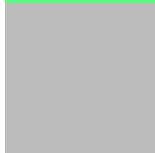


Tritanomaly
7BEBCF

Monochromacy



Original Color
68F386



Achromatopsia
BDBDBD



Achromatomaly
9ED1A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 68F386 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 #68F386 looks like.

```
.text, #text, p{  
    color:#68F386  
}
```

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 #68F386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68F386
}
```

Border

The CSS property to change the border of an element to Hex 68F386 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
#68F386 }
```

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

```
.border{ border-color:#68F386 }
```

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

Here you see how a box with a 4 pixel #68F386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68F386; -webkit-box-shadow:4px 4px  
4px 4px #68F386; box-shadow:4px 4px 4px  
4px #68F386 }
```

Background

The CSS property to change the background color of an element to Hex 68F386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68F386 }
```

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

```
.background{ background-color:#68F386 }
```

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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