

Converting Colors

Hex(48F346)

Have a look what the booklet for
Hex(48F346) contains.

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Color

Hex(48F346)

Conversions

Conversions Part 1

Format	Color
Hex	48F346
RGB	72, 243, 70
RGB Percent	28%, 95%, 27%
CMY	0.7176, 0.0471, 0.7255
CMYK	0.70, 0.00, 0.71, 0.05
HSL	119°, 88%, 61%
HSV	119°, 71%, 95%
XYZ	35.8286, 65.9211, 16.6300
YIQ	172.1490, -46.3830, -90.0550

Conversions

Conversions Part 2

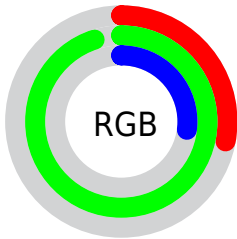
Format	Color
RYB	70, 243, 241
Decimal	4780870
CIELab	84.96, -73.97, 67.15
CIELCh	85, 99.905, 137.764
Yxy	65.9211, 0.3027, 0.5569
Android (android.graphics.Color)	4282970950 (0xFF48F346)
YUV	172.1490, -50.3595, -87.8307
Hunter-Lab	81.1918, -63.3166, 44.6902

Details

The Hex color **48F346** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **F146F3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8EFF7F**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **30F32E**, and if you desaturate by 10%, it is **60F35E**.

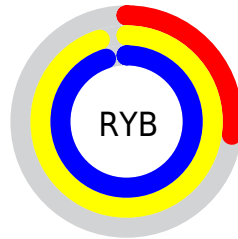
Distribution



Red (28%)

Green (95%)

Blue (27%)



Red (27%)

Yellow (95%)

Blue (95%)

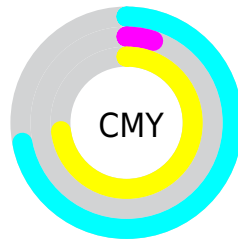


Cyan (70%)

Magenta (0%)

Yellow (71%)

Black (5%)



Cyan (72%)

Magenta (5%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48F346 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 48F346 by changing the saturation by 10% instead.

 48F346

 48F346


FFFFFF

 0AD626

 8EFF7F

 00B900

 AEFF9C

 009D00

 CEFFB8

 008200

 EDFFD5

 006700

 FFFFF3

 004D00

 003500

 001A00

 000000

 48F346

 48F346

 30F32E

 60F35E

 18F315

 78F377

 03F300

 90F38F

 A8F3A7

 C0F3BF

 D8F3D8

 F0F3F0

 FFF3FF

Harmonies

Analogous

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



C9E100



48F346



00FCA9

Triad

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



48F346



00EBFF



FF6EA1

Complementary

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



48F346



F146F3

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.



FF71FF



48F346



6CCCF

Square

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



48F346



00FAFF



FF9EFF



FF9747

Rectangle

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



48F346



00FEEB



FF9EFF



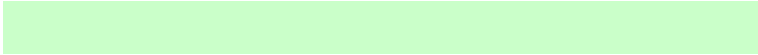
FF68C0

Sweetspot

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



48F346



CAFFC9



F3F046



608060



000000



808080

Same Dimension

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



48F346



29FF26



46F39A



6E7A6E



02BA00



013B00

Inverse Universe

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



F146F3



FC26FF



F3469F



7A6E7A



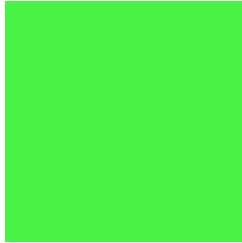
B800BA



3A003B

Previews

White Background



This preview shows how the Hex color 48F346 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 48F346 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

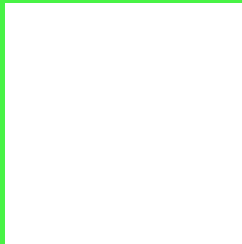
Any Text WCAG AAA ✓ Pass

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

Hex 48F346 Background



This preview shows how black text looks on a background with the Hex color 48F346.

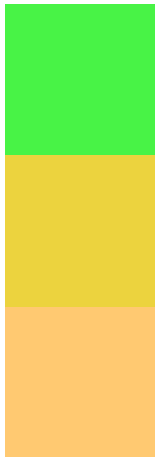


This preview shows how white text looks on a background with the Hex color 48F346.

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](#).

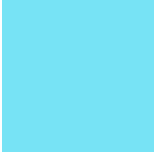
Dichromacy



Original Color
48F346

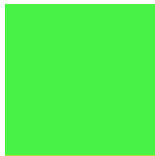
Protanopia
ECD33E

Deuteranopia
FFC971



Tritanopia
77E3F5

Trichromacy



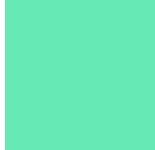
Original Color
48F346



Protanomaly
B0DF41



Deuteranomaly
BCD861



Tritanomaly
66E9B5

Monochromacy



Original Color
48F346



Achromatopsia
ACACAC



Achromatomaly
88C687

CSS Examples

Text

The CSS property to change the color of the text to Hex 48F346 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 #48F346 looks like.

```
.text, #text, p{  
    color:#48F346  
}
```

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 #48F346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48F346
}
```

Border

The CSS property to change the border of an element to Hex 48F346 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
#48F346 }
```

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

```
.border{ border-color:#48F346 }
```

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

Here you see how a box with a 4 pixel #48F346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48F346; -webkit-box-shadow:4px 4px  
4px 4px #48F346; box-shadow:4px 4px 4px  
4px #48F346 }
```

Background

The CSS property to change the background color of an element to Hex 48F346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48F346 }
```

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

```
.background{ background-color:#48F346 }
```

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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