

Converting Colors

Hex(48F448)

Have a look what the booklet for
Hex(48F448) contains.

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Color

Hex(48F448)

Conversions

Conversions Part 1

Format	Color
Hex	48F448
RGB	72, 244, 72
RGB Percent	28%, 96%, 28%
CMY	0.7176, 0.0431, 0.7176
CMYK	0.70, 0.00, 0.70, 0.04
HSL	120°, 89%, 62%
HSV	120°, 70%, 96%
XYZ	36.1929, 66.5470, 17.0682
YIQ	172.9640, -47.3000, -89.9560

Conversions

Conversions Part 2

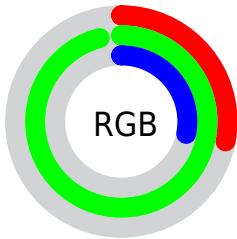
Format	Color
R _Y B	72, 244, 244
Decimal	4781128
CIE Lab	85.27, -74.12, 66.77
CIE LCh	85, 99.762, 137.985
Yxy	66.5470, 0.3021, 0.5554
Android (android.graphics.Color)	4282971208 (0xFF48F448)
YUV	172.9640, -49.7753, -88.5454
Hunter-Lab	81.5763, -63.5637, 44.6982

Details

The Hex color **48F448** 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 **F448F4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8EFF81**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **30F430**, and if you desaturate by 10%, it is **60F460**.

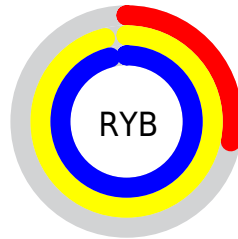
Distribution



Red (28%)

Green (96%)

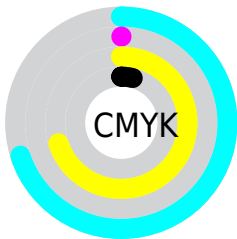
Blue (28%)



Red (28%)

Yellow (96%)

Blue (96%)

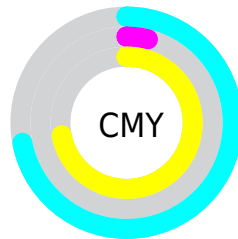


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (4%)



Cyan (72%)

Magenta (4%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48F448 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 48F448 by changing the saturation by 10% instead.

 48F448

 48F448

FFFFFF

 09D728

 8EFF81

 00BA00

 AEFF9D

 009E00

 CEFFBA

 008300

 EEFFD7

 006800

 FFFFF5

 004E00

 003600

 001B00

 000000

 48F448

 48F448

 30F430

 60F460

 17F417

 79F479

 00F400

 91F491

 AAF4AA

 C2F4C2

 DAF4DA

 F3F4F3

 FFF4FF

Harmonies

Analogous

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



CAE200



48F448



00FDAA

Triad

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



48F448



00EBFF



FF6FA1

Complementary

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



48F448



F448F4

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.



FF72FF



48F448



71CCFF

Square

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



48F448



00BFF



FF9FFF



FF9848

Rectangle

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



48F448



00FFED



FF9FFF



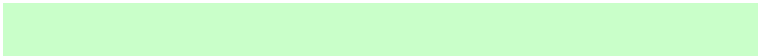
FF69C0

Sweetspot

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



48F448



C9FFC9



F4F448



608060



000000



808080

Same Dimension

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



48F448



26FF26



48F49E



6E7A6E



00BA00



003B00

Inverse Universe

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



F448F4



FF26FF



F4489E



7A6E7A



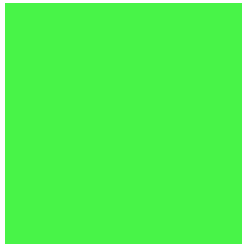
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 48F448 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 48F448 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 48F448 Background



This preview shows how black text looks on a background with the Hex color 48F448.

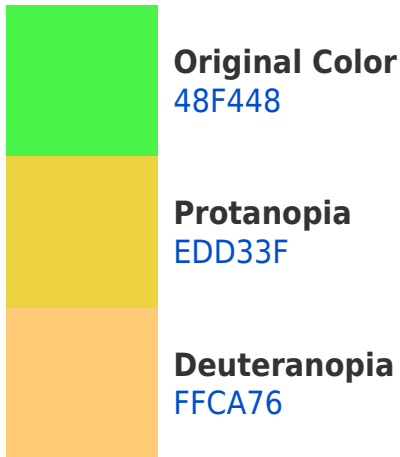


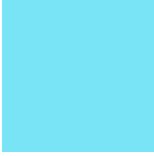
This preview shows how white text looks on a background with the Hex color 48F448.

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](#).

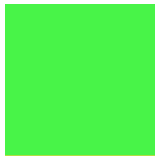
Dichromacy





Tritanopia
78E4F6

Trichromacy



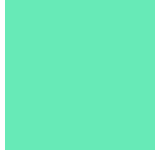
Original Color
48F448



Protanomaly
B1DF42



Deuteranomaly
BCD965



Tritanomaly
67EAB7

Monochromacy



Original Color
48F448



Achromatopsia
ADADAD



Achromatomaly
88C788

CSS Examples

Text

The CSS property to change the color of the text to Hex 48F448 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 #48F448 looks like.

```
.text, #text, p{  
    color:#48F448  
}
```

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 #48F448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48F448
}
```

Border

The CSS property to change the border of an element to Hex 48F448 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
#48F448 }
```

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

```
.border{ border-color:#48F448 }
```

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

Here you see how a box with a 4 pixel #48F448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48F448; -webkit-box-shadow:4px 4px  
4px 4px #48F448; box-shadow:4px 4px 4px  
4px #48F448 }
```

Background

The CSS property to change the background color of an element to Hex 48F448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48F448 }
```

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

```
.background{ background-color:#48F448 }
```

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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