

Converting Colors

Hex(48C446)

Have a look what the booklet for
Hex(48C446) contains.

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Color

Hex(48C446)

Conversions

Conversions Part 1

Format	Color
Hex	48C446
RGB	72, 196, 70
RGB Percent	28%, 77%, 27%
CMY	0.7176, 0.2314, 0.7255
CMYK	0.63, 0.00, 0.64, 0.23
HSL	119°, 52%, 52%
HSV	119°, 64%, 77%
XYZ	23.5179, 41.2998, 12.5265
YIQ	144.5600, -33.4580, -65.4740

Conversions

Conversions Part 2

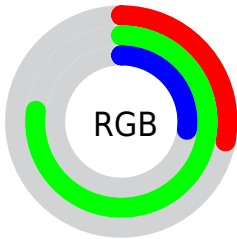
Format	Color
RYB	70, 196, 194
Decimal	4768838
CIELab	70.39, -58.45, 51.67
CIELCh	70, 78.015, 138.525
Yxy	41.2998, 0.3041, 0.5340
Android (android.graphics.Color)	4282958918 (0xFF48C446)
YUV	144.5600, -36.7581, -63.6351
Hunter-Lab	64.2649, -47.1410, 33.4286

Details

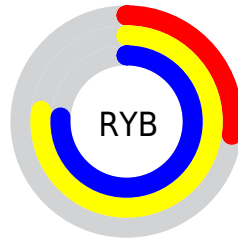
The Hex color **48C446** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C246C4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **86FE7B**, and **008D08** is the 20% darker color. If you saturate the color by 10%, you get **35C432**, and if you desaturate by 10%, it is **5BC45A**.

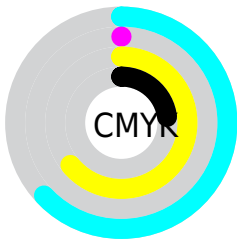
Distribution



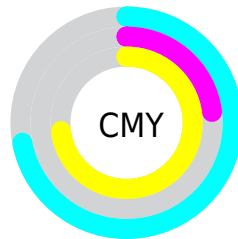
- Red (28%)
- Green (77%)
- Blue (27%)



- Red (27%)
- Yellow (77%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (64%)
- Black (23%)



- Cyan (72%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C446 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 48C446 by changing the saturation by 10% instead.

 48C446

 48C446

FFFFFF

 21A82B

 86FE7B

 008D08

 A3FF96

 007200

 C1FFB2

 005900

 DFFFCE

 004000

 FDFFE8

 002900

 000300

 000000

 48C446

 48C446

 35C432

 5BC45A

 21C41F

 6FC46D

 0EC40B

 82C481

 03C400

 95C494

 A8C4A8

 BCC4BC

 CFC4CF

 E2C4E3

 F6C4F6

Harmonies

Analogous

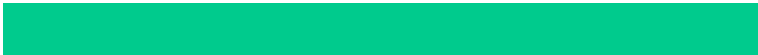
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B600



48C446



00CB8D

Triad

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



48C446



00BCFF



FF6583

Complementary

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



48C446



C246C4

Split Complementary

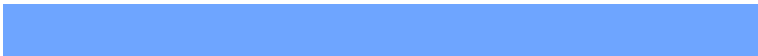
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF66CB



48C446



6EA5FF

Square

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



48C446



00C9FF



E584FF



FF8042

Rectangle

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



48C446



00CDBF



E584FF



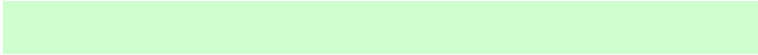
FF619B

Sweetspot

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



48C446



CFFFCE



C4C246



638062



000000



808080

Same Dimension

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



48C446



3EFF3B



46C483



576157



03A100



012100

Inverse Universe

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



C246C4



FC3BFF



C44687



615761



9E00A1



210021

Previews

White Background



This preview shows how the Hex color 48C446 looks on a white background.

Color Contrast Check

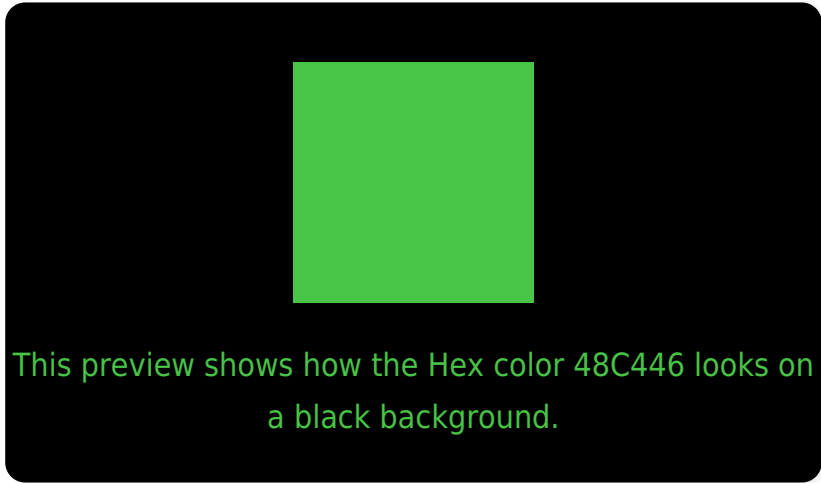
Large Text (above 18pt) WCAG AA × Fail

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 48C446 Background



This preview shows how black text looks on a background with the Hex color 48C446.

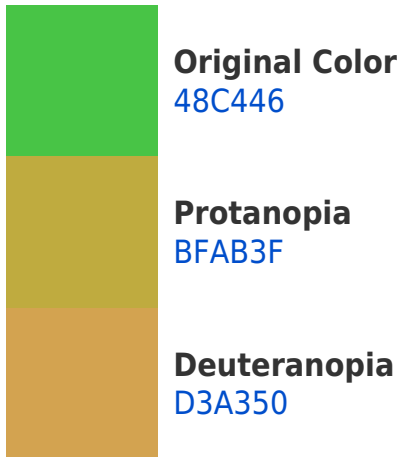


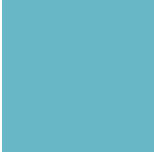
This preview shows how white text looks on a background with the Hex color 48C446.

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](#).

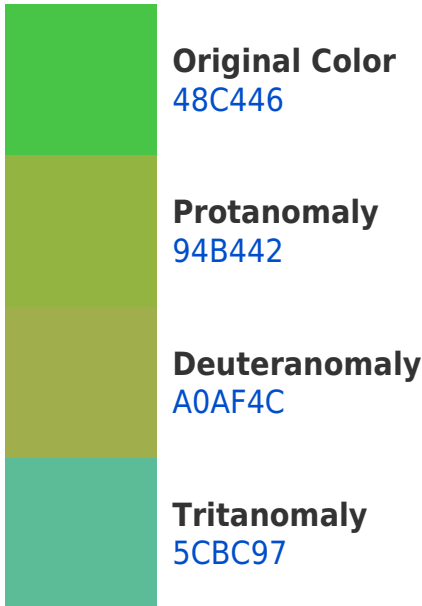
Dichromacy



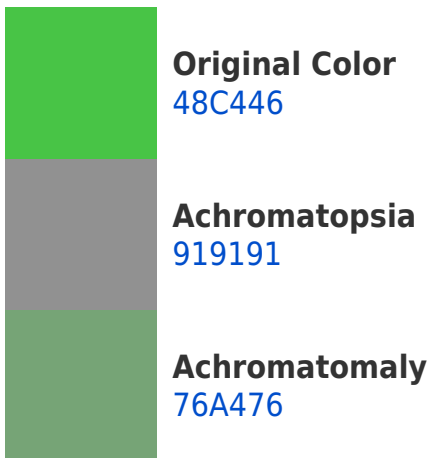


Tritanopia
68B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C446 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 #48C446 looks like.

```
.text, #text, p{  
    color:#48C446  
}
```

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 #48C446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C446
}
```

Border

The CSS property to change the border of an element to Hex 48C446 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
#48C446 }
```

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

```
.border{ border-color:#48C446 }
```

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

Here you see how a box with a 4 pixel #48C446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C446; -webkit-box-shadow:4px 4px  
4px 4px #48C446; box-shadow:4px 4px 4px  
4px #48C446 }
```

Background

The CSS property to change the background color of an element to Hex 48C446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C446 }
```

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

```
.background{ background-color:#48C446 }
```

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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