

Converting Colors

Hex(48BE76)

Have a look what the booklet for
Hex(48BE76) contains.

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Color

Hex(48BE76)

Conversions

Conversions Part 1

Format	Color
Hex	48BE76
RGB	72, 190, 118
RGB Percent	28%, 75%, 46%
CMY	0.7176, 0.2549, 0.5373
CMYK	0.62, 0.00, 0.38, 0.25
HSL	143°, 48%, 51%
HSV	143°, 62%, 75%
XYZ	24.3560, 39.5126, 23.4826
YIQ	146.5100, -47.2160, -47.4080

Conversions

Conversions Part 2

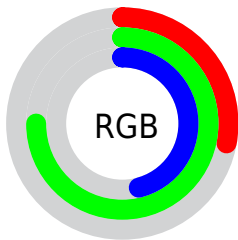
Format	Color
RYB	72, 157, 190
Decimal	4767350
CIELab	69.12, -49.32, 26.82
CIELCh	69, 56.139, 151.459
Yxy	39.5126, 0.2788, 0.4523
Android (android.graphics.Color)	4282957430 (0xFF48BE76)
YUV	146.5100, -14.0554, -65.3453
Hunter-Lab	62.8591, -40.8401, 21.8521

Details

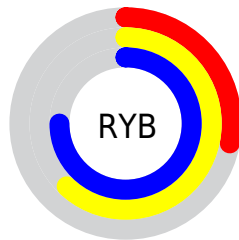
The Hex color **48BE76** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE4890**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **83F7AB**, and **008745** is the 20% darker color. If you saturate the color by 10%, you get **35BE6A**, and if you desaturate by 10%, it is **5BBE82**.

Distribution



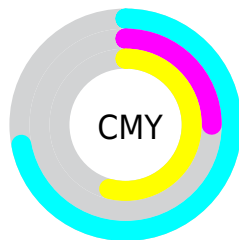
- Red (28%)
- Green (75%)
- Blue (46%)



- Red (28%)
- Yellow (62%)
- Blue (75%)



- Cyan (62%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (72%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BE76 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 48BE76 by changing the saturation by 10% instead.

 48BE76

 48BE76

FFFFFF

 25A25D

 83F7AB

 008745

 A0FFC6

 006D2D

 BEFFE2

 005417

 DBFFFF

 003B00

 F9FFFF

 002600

 000000

 48BE76

 48BE76

 35BE6A

 5BBE82

 22BE5F

 6EBE8D

 0FBE53

 81BE99

 00BE4A

 94BEA4

 A7BEB0

 BABEBC

 CDBEC7

 E0BED3

 F3BEDE

Harmonies

Analogous

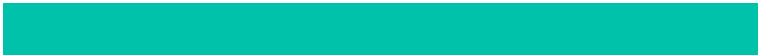
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FB54D



48BE76



00C2AA

Triad

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



48BE76



44ADFF



FF8276

Complementary

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



48BE76



BE4890

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.



FF7CA8



48BE76



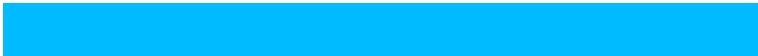
AE9AFF

Square

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



48BE76



00BBFF



E986DA



EB944F

Rectangle

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



48BE76



00C2CC



E986DA



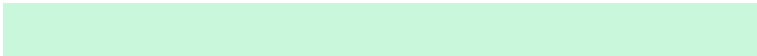
FF7E86

Sweetspot

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



48BE76



C8F7DB



91BE48



607D6B



FCFCFC



7D7D7D

Same Dimension

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



48BE76



3EF786



48BEB0



555E59



009E3E



001F0C

Inverse Universe

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



BE4890



F73EAF



BE4856



5E555B



9E0060



1F0013

Previews

White Background



This preview shows how the Hex color 48BE76 looks on a white background.

Color Contrast Check

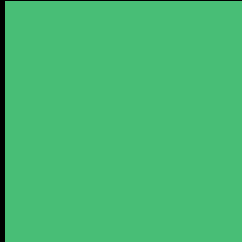
Large Text (above 18pt) WCAG AA × Fail

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 48BE76 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 48BE76 Background



This preview shows how black text looks on a background with the Hex color 48BE76.

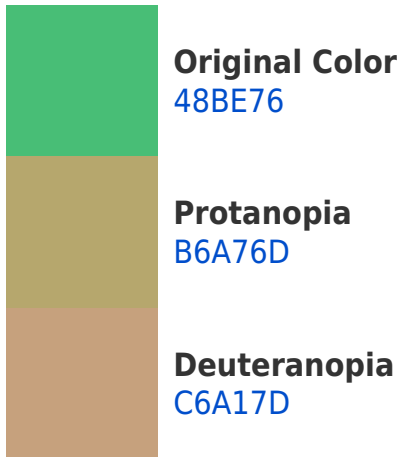


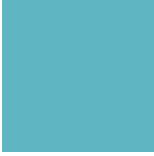
This preview shows how white text looks on a background with the Hex color 48BE76.

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](#).

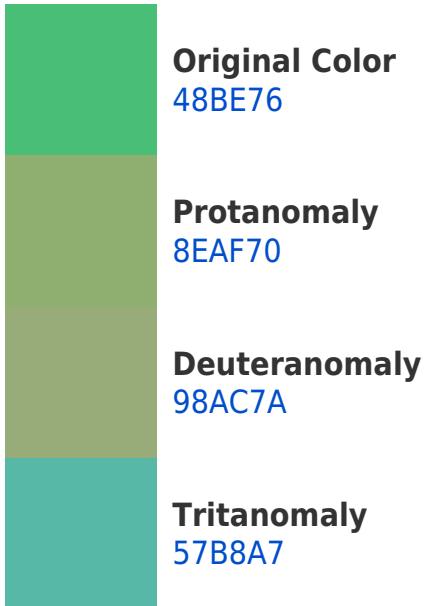
Dichromacy





Tritanopia
60B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48BE76 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 #48BE76 looks like.

```
.text, #text, p{  
    color:#48BE76  
}
```

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 #48BE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BE76
}
```

Border

The CSS property to change the border of an element to Hex 48BE76 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
#48BE76 }
```

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

```
.border{ border-color:#48BE76 }
```

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

Here you see how a box with a 4 pixel #48BE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BE76; -webkit-box-shadow:4px 4px  
4px 4px #48BE76; box-shadow:4px 4px 4px  
4px #48BE76 }
```

Background

The CSS property to change the background color of an element to Hex 48BE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BE76 }
```

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

```
.background{ background-color:#48BE76 }
```

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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