

Converting Colors

Hex(48BA69)

Have a look what the booklet for
Hex(48BA69) contains.

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Color

Hex(48BA69)

Conversions

Conversions Part 1

Format	Color
Hex	48BA69
RGB	72, 186, 105
RGB Percent	28%, 73%, 41%
CMY	0.7176, 0.2706, 0.5882
CMYK	0.61, 0.00, 0.44, 0.27
HSL	137°, 45%, 51%
HSV	137°, 61%, 73%
XYZ	22.7812, 37.5154, 19.4051
YIQ	142.6800, -41.9430, -49.3590

Conversions

Conversions Part 2

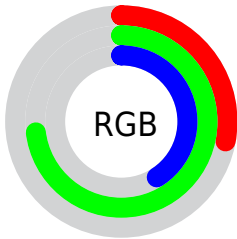
Format	Color
RYB	72, 160, 186
Decimal	4766313
CIELab	67.66, -50.03, 31.69
CIELCh	68, 59.220, 147.643
Yxy	37.5154, 0.2858, 0.4707
Android (android.graphics.Color)	4282956393 (0xFF48BA69)
YUV	142.6800, -18.5762, -61.9864
Hunter-Lab	61.2499, -40.7962, 24.0907

Details

The Hex color **48BA69** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA4899**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **83F39D**, and **008438** is the 20% darker color. If you saturate the color by 10%, you get **35BA5C**, and if you desaturate by 10%, it is **5BBA76**.

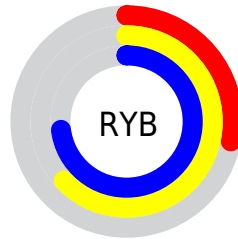
Distribution



Red (28%)

Green (73%)

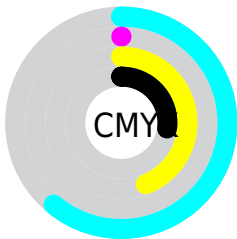
Blue (41%)



Red (28%)

Yellow (63%)

Blue (73%)

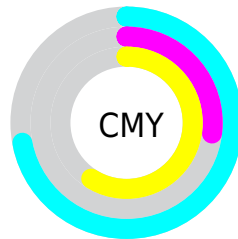


Cyan (61%)

Magenta (0%)

Yellow (44%)

Black (27%)



Cyan (72%)

Magenta (27%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BA69 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 48BA69 by changing the saturation by 10% instead.



48BA69



48BA69

FFFFFF



269E50



83F39D



008438



A0FFB8



006A20



BDFFD4



005007



DAFFF1



003800



F8FFFF



002200



000000



48BA69



48BA69



35BA5C



5BBA76

■ 23BA4F

■ 6DBA83

■ 10BA41

■ 80BA91

■ 00BA36

■ 92BA9E

■ A5BAAB

■ B8BAB8

■ CABAC6

■ DDBAD3

■ EFBAE0

Harmonies

Analogous

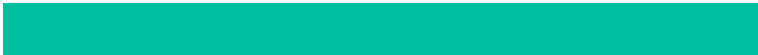
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91B03F



48BA69



00BF9F

Triad

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



48BA69



00ACFF



FF7A76

Complementary

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



48BA69



BA4899

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.



FF75AB



48BA69



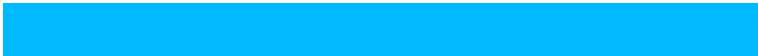
9F98FF

Square

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



48BA69



00B9FE



E282DF



EE8C4A

Rectangle

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



48BA69



00BFC4



E282DF



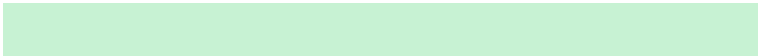
FF7687

Sweetspot

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



48BA69



C7F2D3



9ABA48



5F7A67



FAFAFA



7A7A7A

Same Dimension

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



48BA69



3FF273



48BAA1



535C55



009C2D



001C08

Inverse Universe

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



BA4899



F23FBE



BA4861



5C5359



9C006F



1C0014

Previews

White Background



This preview shows how the Hex color 48BA69 looks on a white background.

Color Contrast Check

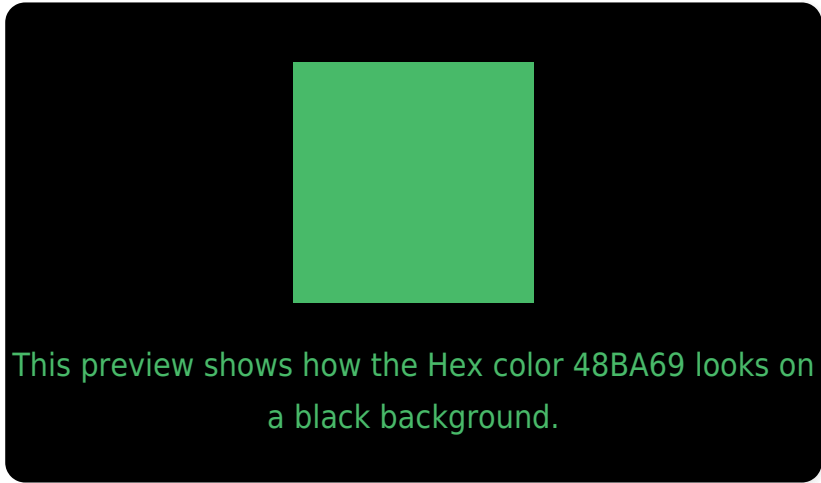
Large Text (above 18pt) WCAG AA × Fail

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 48BA69 Background



This preview shows how black text looks on a background with the Hex color 48BA69.

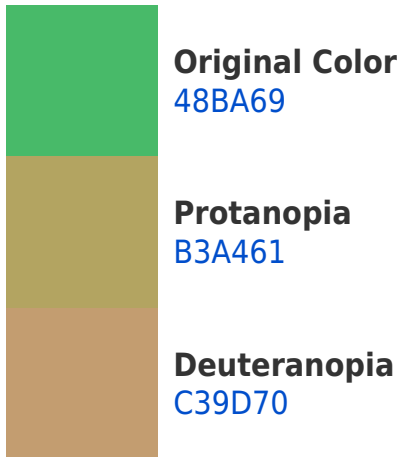


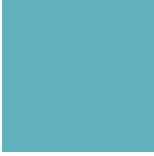
This preview shows how white text looks on a background with the Hex color 48BA69.

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
61B0BE

Trichromacy



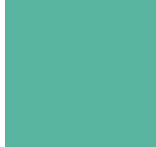
Original Color
48BA69



Protanomaly
8CAC64



Deuteranomaly
96A86D



Tritanomaly
58B49F

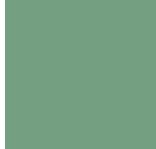
Monochromacy



Original Color
48BA69



Achromatopsia
8F8F8F



Achromatomaly
759F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 48BA69 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 #48BA69 looks like.

```
.text, #text, p{  
    color:#48BA69  
}
```

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 #48BA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BA69
}
```

Border

The CSS property to change the border of an element to Hex 48BA69 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
#48BA69 }
```

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

```
.border{ border-color:#48BA69 }
```

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

Here you see how a box with a 4 pixel #48BA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BA69; -webkit-box-shadow:4px 4px  
4px 4px #48BA69; box-shadow:4px 4px 4px  
4px #48BA69 }
```

Background

The CSS property to change the background color of an element to Hex 48BA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BA69 }
```

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

```
.background{ background-color:#48BA69 }
```

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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