

# Converting Colors

Hex(48B94A)

Have a look what the booklet for  
Hex(48B94A) contains.

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**Color**

**Hex(48B94A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48B94A
RGB	72, 185, 74
RGB Percent	28%, 73%, 29%
CMY	0.7176, 0.2745, 0.7098
CMYK	0.61, 0.00, 0.60, 0.27
HSL	121°, 45%, 50%
HSV	121°, 61%, 73%
XYZ	21.2575, 36.5701, 12.4169
YIQ	138.5590, -31.7170, -58.4770

# Conversions

## Conversions Part 2

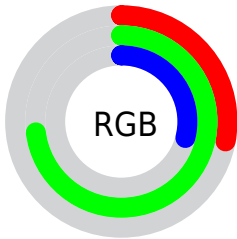
Format	Color
<a href="#">RYB</a>	<a href="#">72, 183, 185</a>
Decimal	<a href="#">4766026</a>
CIELab	<a href="#">66.95, -54.06, 46.04</a>
CIElCh	<a href="#">67, 71.002, 139.581</a>
Yxy	<a href="#">36.5701, 0.3026, 0.5206</a>
Android (android.graphics.Color)	<a href="#">4282956106 (0xFF48B94A)</a>
YUV	<a href="#">138.5590, -31.8276, -58.3722</a>
Hunter-Lab	<a href="#">60.4732, -43.0819, 30.1573</a>

# Details

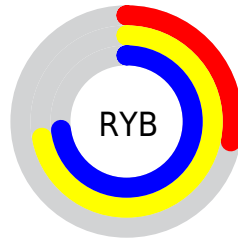
The Hex color **48B94A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B948B7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **84F27E**, and **008314** is the 20% darker color. If you saturate the color by 10%, you get **36B938**, and if you desaturate by 10%, it is **5AB95C**.

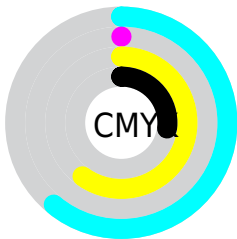
# Distribution



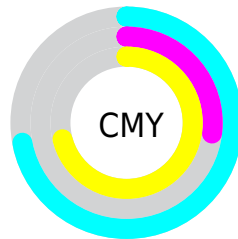
- Red (28%)
- Green (73%)
- Blue (29%)



- Red (28%)
- Yellow (72%)
- Blue (73%)



- Cyan (61%)
- Magenta (0%)
- Yellow (60%)
- Black (27%)



- Cyan (72%)
- Magenta (27%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48B94A 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 48B94A by changing the saturation by 10% instead.



 48B94A

 48B94A

FFFFFF

 259D30

 84F27E

 008314

 A1FF99

 006900

 BEFFB5

 004F00

 DCFFD1

 003700

 FAFEE

 002000

 000000

 48B94A

 48B94A

 36B938

 5AB95C

 23B926

 6DB96E

 10B913

 80B981

 00B903

 92B993

 A5B9A5

 B7B9B7

 CAB9C9

 DCB9DB

 EEB9EE

# Harmonies

## Analogous

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



9AAC0F



48B94A



00BF8A

# Triad

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



48B94A



00B1FF



FF667C

# Complementary

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



48B94A



B948B7

# 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.



FF66BC



48B94A



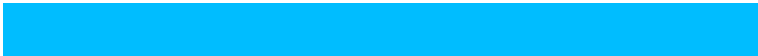
759BFF

# Square

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



48B94A



00BDFE



DA7EF7



FF7D42

# Rectangle

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



48B94A



00C1B6



DA7EF7



FF6291

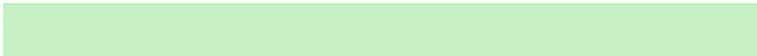


# Sweetspot

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



48B94A



C5F0C5



B7B948



5D785E



F7F7F7



787878



# Same Dimension

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



48B94A



41F044



48B982



535C53



009C03



001C00



# Inverse Universe

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



B948B7



F041ED



B9487F



5C535C



9C0099



1C001C



# Previews

## White Background



This preview shows how the Hex color 48B94A looks on a white background.

## Color Contrast Check

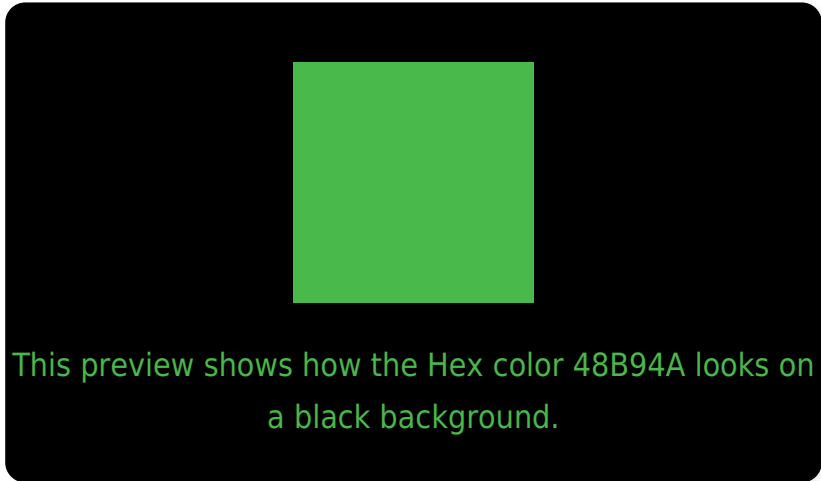
Large Text (above 18pt) WCAG AA × Fail

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

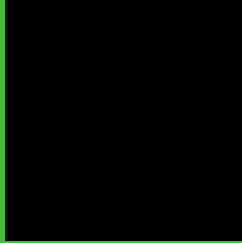
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48B94A Background



This preview shows how black text looks on a background with the Hex color 48B94A.



This preview shows how white text looks on a background with the Hex color 48B94A.

# 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**  
48B94A

**Protanopia**  
B4A243

**Deuteranopia**  
C79A53



**Tritanopia**  
64ADBB

# Trichromacy



**Original Color**  
48B94A



**Protanomaly**  
8DAA46



**Deuteranomaly**  
99A550



**Tritanomaly**  
5AB192

# Monochromacy



**Original Color**  
48B94A



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
739C73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48B94A 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 #48B94A looks like.

```
.text, #text, p{  
    color:#48B94A  
}
```

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 #48B94A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B94A
}
```

## Border

The CSS property to change the border of an element to Hex 48B94A 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
#48B94A }
```

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

```
.border{ border-color:#48B94A }
```

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

Here you see how a box with a 4 pixel #48B94A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B94A; -webkit-box-shadow:4px 4px  
4px 4px #48B94A; box-shadow:4px 4px 4px  
4px #48B94A }
```

# Background

The CSS property to change the background color of an element to Hex 48B94A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B94A }
```

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

```
.background{ background-color:#48B94A }
```

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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