

Converting Colors

Hex(48BB22)

Have a look what the booklet for
Hex(48BB22) contains.

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Color

Hex(48BB22)

Conversions

Conversions Part 1

Format	Color
Hex	48BB22
RGB	72, 187, 34
RGB Percent	28%, 73%, 13%
CMY	0.7176, 0.2667, 0.8667
CMYK	0.61, 0.00, 0.82, 0.27
HSL	105°, 69%, 43%
HSV	105°, 82%, 73%
XYZ	20.7315, 37.0339, 7.5690
YIQ	135.1730, -19.4270, -71.9630

Conversions

Conversions Part 2

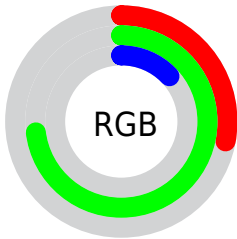
Format	Color
RYB	34, 187, 149
Decimal	4766498
CIELab	67.30, -58.08, 61.39
CIELCh	67, 84.514, 133.415
Yxy	37.0339, 0.3173, 0.5668
Android (android.graphics.Color)	4282956578 (0xFF48BB22)
YUV	135.1730, -49.8783, -55.4027
Hunter-Lab	60.8555, -45.6877, 35.2246

Details

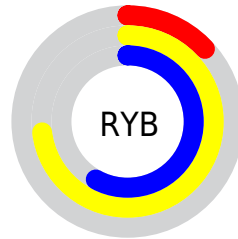
The Hex color **48BB22** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9522BB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **86F45D**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **3ABB0F**, and if you desaturate by 10%, it is **56BB35**.

Distribution



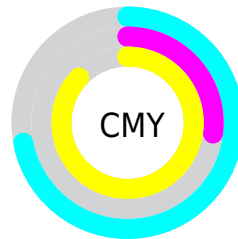
- Red (28%)
- Green (73%)
- Blue (13%)



- Red (13%)
- Yellow (73%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (82%)
- Black (27%)



- Cyan (72%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BB22 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 48BB22 by changing the saturation by 10% instead.

 48BB22

 48BB22

FFFFFF

 229F00

 86F45D

 008400

 A3FF78

 006A00

 C1FF94

 005100

 DFFF00

 003900

 FDF0CD

 002100

 FFF0EA

 000000

 48BB22

 48BB22

 3ABB0F

 56BB35

 2EBB00

 64BB47

 72BB5A

 80BB6D

 8EBB7F

 9CBB92

 AABBA5

 B8BBB8

 C7BBCA

Harmonies

Analogous

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



A6AB00



48BB22



00C375

Triad

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



48BB22



00B8FF



FF4C85

Complementary

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



48BB22



9522BB

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.



FF56D1



48BB22



00A2FF

Square

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



48BB22



00C3FF



D17EFF



FF6C3D

Rectangle

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



48BB22



00C5AB



D17EFF



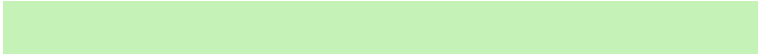
FF499F

Sweetspot

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



48BB22



C5F2B6



BB9522



5F7A56



FAFAFA



7A7A7A

Same Dimension

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



48BB22



40F205



22BB48



575E55



279E00



081F00

Inverse Universe

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



9522BB



B705F2



BB2295



5C555E



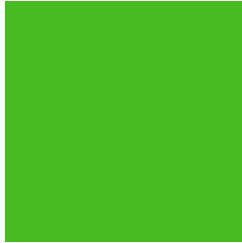
77009E



17001F

Previews

White Background



This preview shows how the Hex color 48BB22 looks on a white background.

Color Contrast Check

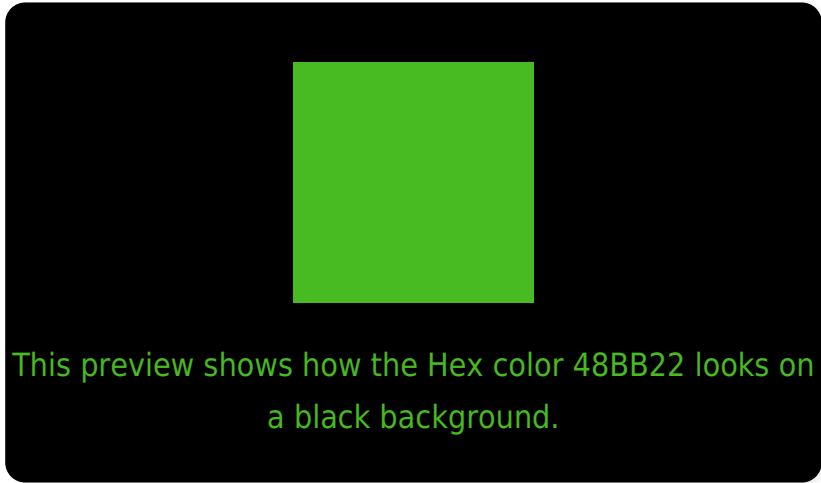
Large Text (above 18pt) WCAG AA × Fail

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

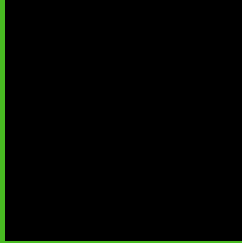
Any Text WCAG AA ✓ Pass

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 48BB22 Background



This preview shows how black text looks on a background with the Hex color 48BB22.

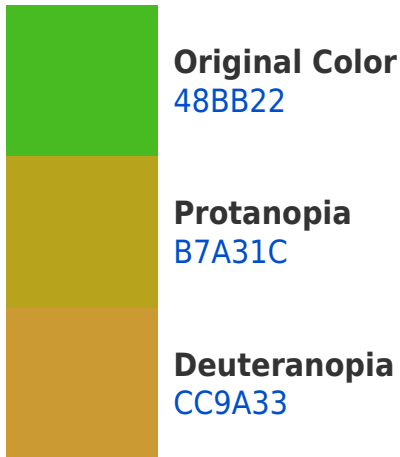


This preview shows how white text looks on a background with the Hex color 48BB22.

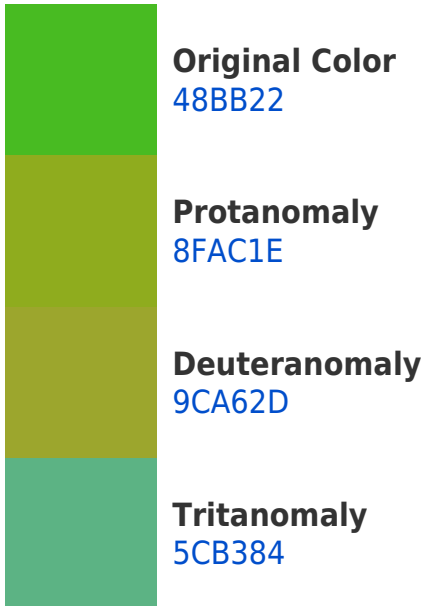
Color Blindness Simulation

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](#).

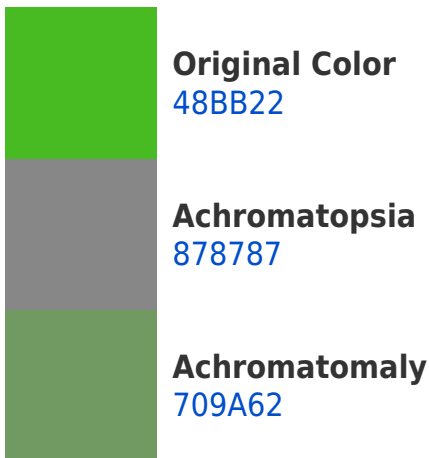
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48BB22 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 #48BB22 looks like.

```
.text, #text, p{  
    color:#48BB22  
}
```

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 #48BB22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BB22
}
```

Border

The CSS property to change the border of an element to Hex 48BB22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

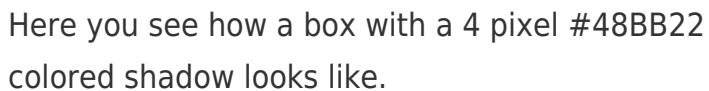
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48BB22 }
```

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

```
.border{ border-color:#48BB22 }
```

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



Here you see how a box with a 4 pixel #48BB22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BB22; -webkit-box-shadow:4px 4px  
4px 4px #48BB22; box-shadow:4px 4px 4px  
4px #48BB22 }
```

Background

The CSS property to change the background color of an element to Hex 48BB22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BB22 }
```

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

```
.background{ background-color:#48BB22 }
```

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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