

Converting Colors

Hex(48B125)

Have a look what the booklet for
Hex(48B125) contains.

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Color

Hex(48B125)

Conversions

Conversions Part 1

Format	Color
Hex	48B125
RGB	72, 177, 37
RGB Percent	28%, 69%, 15%
CMY	0.7176, 0.3059, 0.8549
CMYK	0.59, 0.00, 0.79, 0.31
HSL	105°, 65%, 42%
HSV	105°, 79%, 69%
XYZ	18.7286, 32.9556, 7.1242
YIQ	129.6450, -17.6400, -65.8000

Conversions

Conversions Part 2

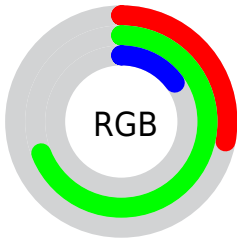
Format	Color
RYB	37, 177, 142
Decimal	4763941
CIELab	64.12, -54.41, 57.55
CIELCh	64, 79.203, 133.392
Yxy	32.9556, 0.3185, 0.5604
Android (android.graphics.Color)	4282954021 (0xFF48B125)
YUV	129.6450, -45.6740, -50.5547
Hunter-Lab	57.4069, -42.2279, 32.8269

Details

The Hex color **48B125** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8E25B1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **84EA5E**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **3BB113**, and if you desaturate by 10%, it is **55B137**.

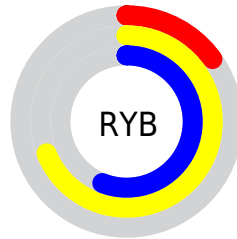
Distribution



Red (28%)

Green (69%)

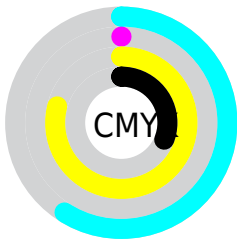
Blue (15%)



Red (15%)

Yellow (69%)

Blue (56%)

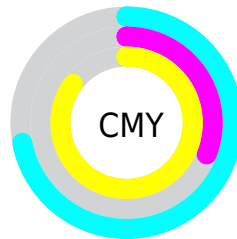


Cyan (59%)

Magenta (0%)

Yellow (79%)

Black (31%)



Cyan (72%)

Magenta (31%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B125 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 48B125 by changing the saturation by 10% instead.

 48B125

 48B125

FFFFFF

 259600

 84EA5E

 007B00

 A1FF79

 006100

 BEFF94

 004800

 DCFFB0

 003200

 FAFFCD

 001700

 FFFFEA

 000000

 48B125

 48B125

 3BB113

 55B137

 2DB102

 63B148

 2CB100

 70B15A

 7DB16C

 8AB17E

 98B18F

 A5B1A1

 B2B1B3

 BFB1C4

Harmonies

Analogous

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



9EA200



48B125



00B970

Triad

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



48B125



00AEFF



FF4C7F

Complementary

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



48B125



8E25B1

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.



FF55C6



48B125



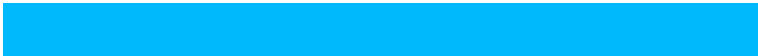
0999FF

Square

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



48B125



00B9FC



C579FF



FF683C

Rectangle

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



48B125



00BBA2



C579FF



FF4A96

Sweetspot

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



48B125



BCE6AE



B18E25



5A7351



F2F2F2



737373

Same Dimension

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



48B125



42E60B



25B148



535950



269900



061A00

Inverse Universe

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



8E25B1



AF0BE6



B1258E



575059



730099



13001A

Previews

White Background



This preview shows how the Hex color 48B125 looks on a white background.

Color Contrast Check

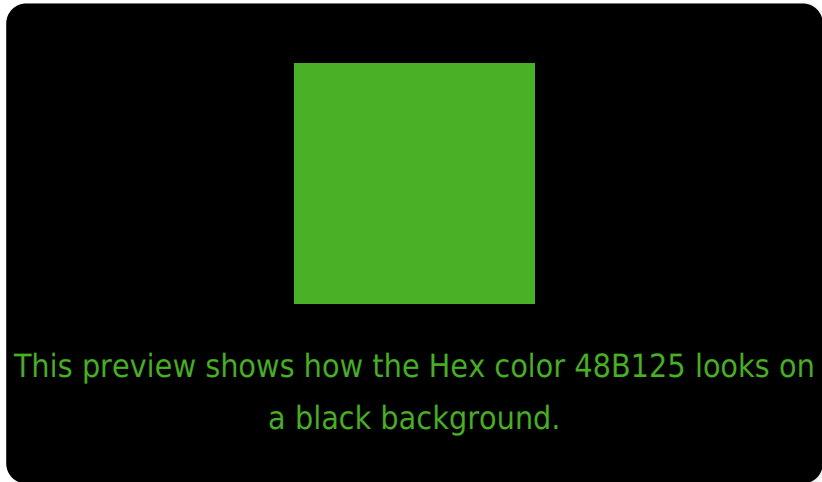
Large Text (above 18pt) WCAG AA × Fail

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 48B125 Background



This preview shows how black text looks on a background with the Hex color 48B125.



This preview shows how white text looks on a background with the Hex color 48B125.

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
48B125

Protanopia
AE9B1F

Deuteranopia
C19333



Tritanopia
64A5B2

Trichromacy



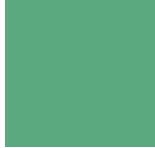
Original Color
48B125



Protanomaly
89A321



Deuteranomaly
959E2E



Tritanomaly
5AA97F

Monochromacy



Original Color
48B125



Achromatopsia
828282



Achromatomaly
6D9360

CSS Examples

Text

The CSS property to change the color of the text to Hex 48B125 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 #48B125 looks like.

```
.text, #text, p{  
    color:#48B125  
}
```

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 #48B125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B125
}
```

Border

The CSS property to change the border of an element to Hex 48B125 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
#48B125 }
```

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

```
.border{ border-color:#48B125 }
```

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

Here you see how a box with a 4 pixel #48B125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B125; -webkit-box-shadow:4px 4px  
4px 4px #48B125; box-shadow:4px 4px 4px  
4px #48B125 }
```

Background

The CSS property to change the background color of an element to Hex 48B125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B125 }
```

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

```
.background{ background-color:#48B125 }
```

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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