

Converting Colors

Hex(48A400)

Have a look what the booklet for
Hex(48A400) contains.

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Color

Hex(48A400)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 48A400 |
| RGB | 72, 164, 0 |
| RGB Percent | 28%, 64%, 0% |
| CMY | 0.7176, 0.3569, 1.0000 |
| CMYK | 0.56, 0.00, 1.00, 0.36 |
| HSL | 94°, 100%, 32% |
| HSV | 94°, 100%, 64% |
| XYZ | 15.9479, 27.9286, 4.5502 |
| YIQ | 117.7960, -2.1880, -70.5080 |

Conversions

Conversions Part 2

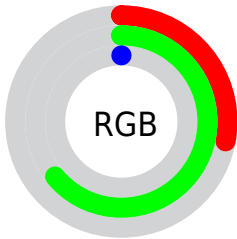
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 164, 92 |
| Decimal | 4760576 |
| CIELab | 59.82, -51.05, 61.33 |
| CIELCh | 60, 79.795, 129.775 |
| Yxy | 27.9286, 0.3293, 0.5767 |
| Android (android.graphics.Color) | 4282950656 (0xFF48A400) |
| YUV | 117.7960, -58.0734, -40.1631 |
| Hunter-Lab | 52.8476, -38.6168, 31.8884 |

Details

The Hex color **48A400** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5C00A4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **83DC49**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **48A400**, and if you desaturate by 10%, it is **51A410**.

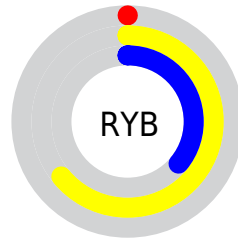
Distribution



Red (28%)

Green (64%)

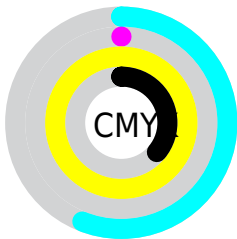
Blue (0%)



Red (0%)

Yellow (64%)

Blue (36%)

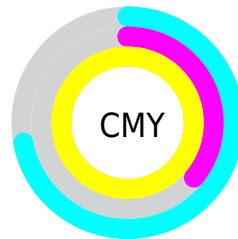


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (72%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48A400 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 48A400 by changing the saturation by 10% instead.


 48A400

 48A400

FFFFFF

 278900

 83DC49

 006F00

 A0F965

 005600

 BDFF80

 003D00

 DAFF9C

 002700

 F8FFB8

 000000

 FFFFD5

 FFFFF2

 48A400

 51A410

 5AA421

 64A431

 6DA442

 76A452

 7FA462

 88A473

 92A483

 9BA494

Harmonies

Analogous

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



999400



48A400



00AC5C

Triad

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



48A400



00A5FF



FF3A7C

Complementary

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



48A400



5C00A4

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.



F34AC2



48A400



0091FF

Square

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



48A400



00ADE9



AD71FD



FC5739

Rectangle

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



48A400



00AE8E



AD71FD



FF3994

Sweetspot

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



48A400



B2D696



A45A00



556B45



EBEBEB



6B6B6B

Same Dimension

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



48A400



5ED600



00A408



4D5249



409100



081200

Inverse Universe

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



5C00A4



7800D6



A4009C



4E4952



520091



0A0012

Previews

White Background



This preview shows how the Hex color 48A400 looks on a white background.

Color Contrast Check

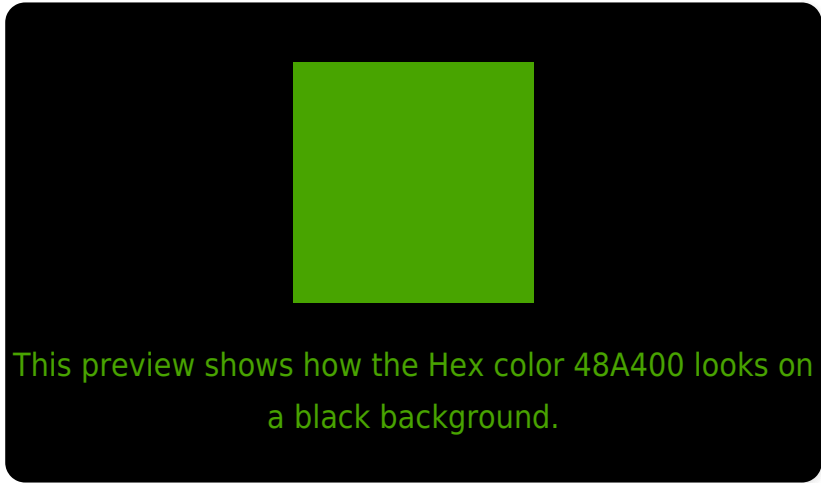
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 48A400 Background



This preview shows how black text looks on a background with the Hex color 48A400.



This preview shows how white text looks on a background with the Hex color 48A400.

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
48A400

Protanopia
A29000

Deuteranopia
B48822



Tritanopia
6198A5

Trichromacy



Original Color
48A400



Protanomaly
819700



Deuteranomaly
8D9216



Tritanomaly
589C69

Monochromacy



Original Color
48A400



Achromatopsia
767676



Achromatomaly
65874B

CSS Examples

Text

The CSS property to change the color of the text to Hex 48A400 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 #48A400 looks like.

```
.text, #text, p{  
    color:#48A400  
}
```

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 #48A400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A400
}
```

Border

The CSS property to change the border of an element to Hex 48A400 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
#48A400 }
```

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

```
.border{ border-color:#48A400 }
```

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

Here you see how a box with a 4 pixel #48A400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A400; -webkit-box-shadow:4px 4px  
4px 4px #48A400; box-shadow:4px 4px 4px  
4px #48A400 }
```

Background

The CSS property to change the background color of an element to Hex 48A400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A400 }
```

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

```
.background{ background-color:#48A400 }
```

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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