

Converting Colors

Hex(48A923)

Have a look what the booklet for
Hex(48A923) contains.

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Color

Hex(48A923)

Conversions

Conversions Part 1

Format	Color
Hex	48A923
RGB	72, 169, 35
RGB Percent	28%, 66%, 14%
CMY	0.7176, 0.3373, 0.8627
CMYK	0.57, 0.00, 0.79, 0.34
HSL	103°, 66%, 40%
HSV	103°, 79%, 66%
XYZ	17.1638, 29.8750, 6.4519
YIQ	124.7210, -14.7980, -62.2380

Conversions

Conversions Part 2

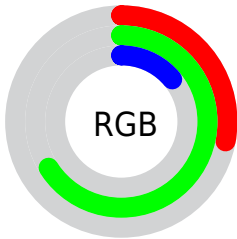
Format	Color
RYB	35, 169, 132
Decimal	4761891
CIELab	61.55, -51.64, 55.73
CIELCh	62, 75.973, 132.817
Yxy	29.8750, 0.3209, 0.5585
Android (android.graphics.Color)	4282951971 (0xFF48A923)
YUV	124.7210, -44.2325, -46.2363
Hunter-Lab	54.6580, -39.5986, 31.2619

Details

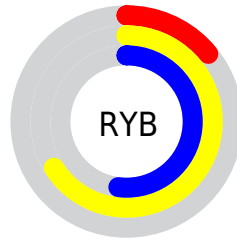
The Hex color **48A923** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8423A9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83E15B**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **3CA912**, and if you desaturate by 10%, it is **54A934**.

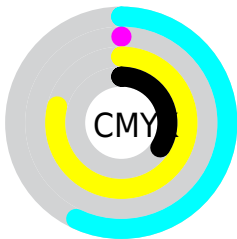
Distribution



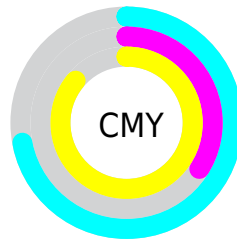
- Red (28%)
- Green (66%)
- Blue (14%)



- Red (14%)
- Yellow (66%)
- Blue (52%)



- Cyan (57%)
- Magenta (0%)
- Yellow (79%)
- Black (34%)



- Cyan (72%)
- Magenta (34%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48A923 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 48A923 by changing the saturation by 10% instead.



48A923



48A923

FFFFFF



278E00



83E15B



007400



A0FE76



005A00



BDF91



004200



DAFFAD



002C00



F8FFC9



000B00



FFFFE6



000000



48A923



48A923



3CA912



54A934

 30A901

 60A945

 2FA900

 6DA956

 79A967

 85A977

 91A988

 9EA999

 AAA9AA

 B6A9BB

Harmonies

Analogous

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



989B00



48A923



00B06A

Triad

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



48A923



00A7FF



FF4A7B

Complementary

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



48A923



8423A9

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.



F853BE



48A923



0093FF

Square

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



48A923



00B1EF



BB74F8



FB643B

Rectangle

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



48A923



00B399



BB74F8



FF4891

Sweetspot

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



48A923



B5DBA7



A98323



576E4E



EDEDED



6E6E6E

Same Dimension

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



48A923



44DB0B



23A940



4E544C



299400



061400

Inverse Universe

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



8423A9



A20BDB



A9238C



524C54



6B0094



0F0014

Previews

White Background



This preview shows how the Hex color 48A923 looks on a white background.

Color Contrast Check

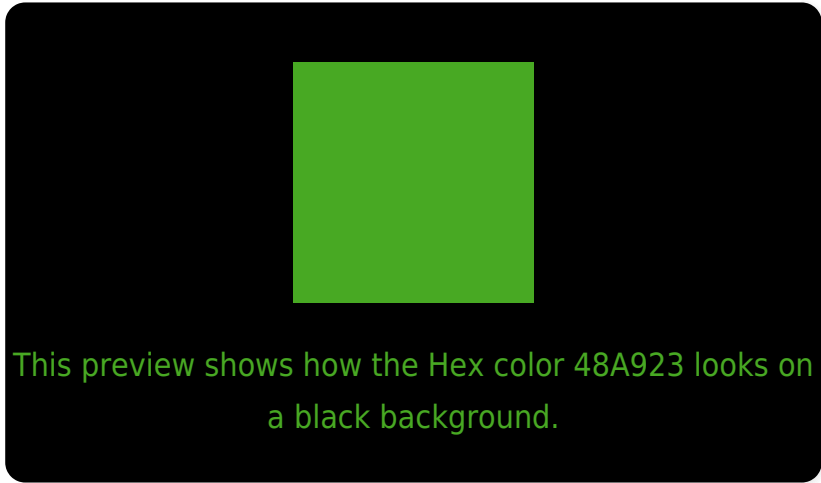
Large Text (above 18pt) WCAG AA ✓ Pass

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 48A923 Background



This preview shows how black text looks on a background with the Hex color 48A923.

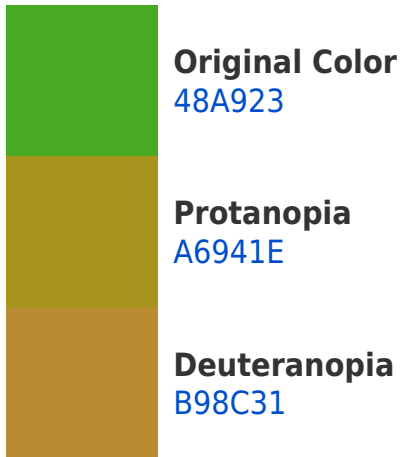


This preview shows how white text looks on a background with the Hex color 48A923.

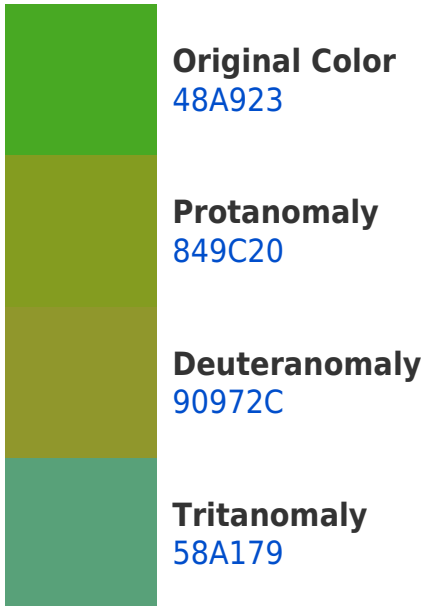
Color Blindness Simulation

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](#).

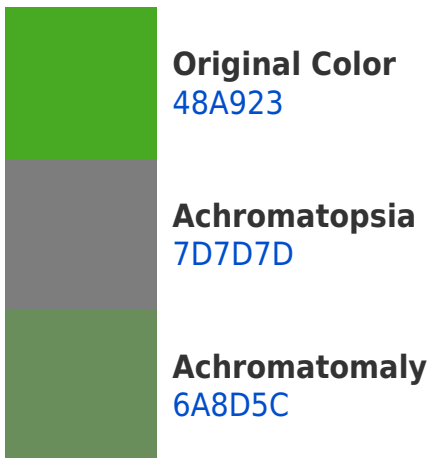
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48A923 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 #48A923 looks like.

```
.text, #text, p{  
    color:#48A923  
}
```

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 #48A923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A923
}
```

Border

The CSS property to change the border of an element to Hex 48A923 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
#48A923 }
```

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

```
.border{ border-color:#48A923 }
```

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

Here you see how a box with a 4 pixel #48A923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A923; -webkit-box-shadow:4px 4px  
4px 4px #48A923; box-shadow:4px 4px 4px  
4px #48A923 }
```

Background

The CSS property to change the background color of an element to Hex 48A923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A923 }
```

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

```
.background{ background-color:#48A923 }
```

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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