

Converting Colors

Hex(44A923)

Have a look what the booklet for
Hex(44A923) contains.

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Color

Hex(44A923)

Conversions

Conversions Part 1

Format	Color
Hex	44A923
RGB	68, 169, 35
RGB Percent	27%, 66%, 14%
CMY	0.7333, 0.3373, 0.8627
CMYK	0.60, 0.00, 0.79, 0.34
HSL	105°, 66%, 40%
HSV	105°, 79%, 66%
XYZ	16.8752, 29.7262, 6.4384
YIQ	123.5250, -17.1820, -63.0860

Conversions

Conversions Part 2

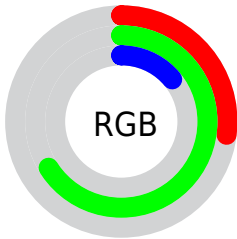
Format	Color
RYB	35, 169, 136
Decimal	4499747
CIELab	61.42, -52.67, 55.56
CIELCh	61, 76.560, 133.472
Yxy	29.7262, 0.3182, 0.5605
Android (android.graphics.Color)	4282689827 (0xFF44A923)
YUV	123.5250, -43.6428, -48.6954
Hunter-Lab	54.5218, -40.1649, 31.1637

Details

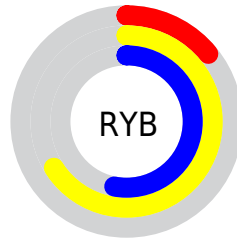
The Hex color **44A923** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8823A9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7FE15B**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **37A912**, and if you desaturate by 10%, it is **51A934**.

Distribution



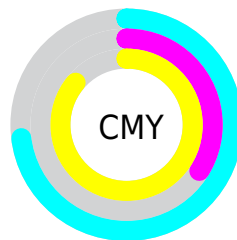
- Red (27%)
- Green (66%)
- Blue (14%)



- Red (14%)
- Yellow (66%)
- Blue (53%)



- Cyan (60%)
- Magenta (0%)
- Yellow (79%)
- Black (34%)



- Cyan (73%)
- Magenta (34%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A923 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 44A923 by changing the saturation by 10% instead.

 44A923

 44A923

FFFFFF

 218E00

 7FE15B

 007400

 9CFE76

 005A00

 B9FF91

 004100

 D7FFAD

 002C00

 F5FFC9

 000A00

 FFFFE6

 000000

 44A923

 44A923

 37A912

 51A934

 2BA901

 5DA945

 2AA900

 6AA956

 77A967

 84A977

 90A988

 9DA999

 AAA9AA

 B7A9BB

Harmonies

Analogous

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



969B00



44A923



00B06B

Triad

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



44A923



00A7FF



FF4879

Complementary

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



44A923



8823A9

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.



F951BD



44A923



0B92FF

Square

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



44A923



00B0F1



BC73F8



FB6339

Rectangle

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



44A923



00B29B



BC73F8



FF468F

Sweetspot

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



44A923



B4DBA7



A98723



566E4E



EDEDED



6E6E6E

Same Dimension

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



44A923



3EDB0B



23A945



4E544C



249400



051400

Inverse Universe

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



8823A9



A80BDB



A92387



524C54



6F0094



0F0014

Previews

White Background



This preview shows how the Hex color 44A923 looks on a white background.

Color Contrast Check

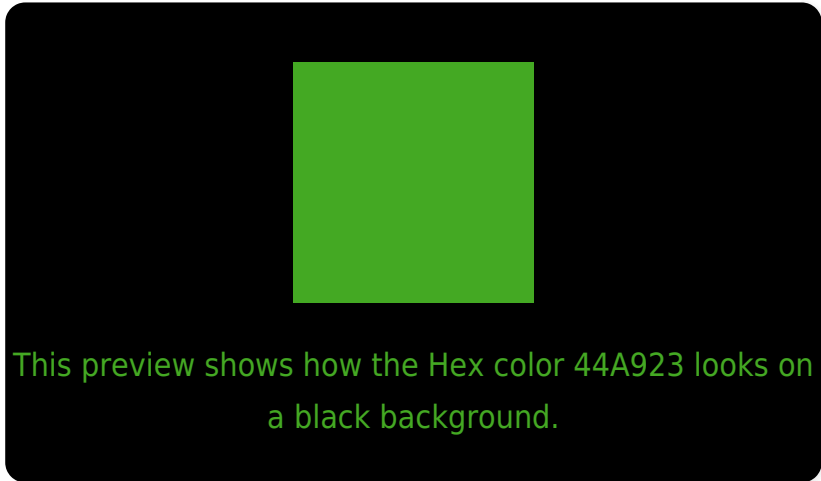
Large Text (above 18pt) WCAG AA ✓ Pass

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

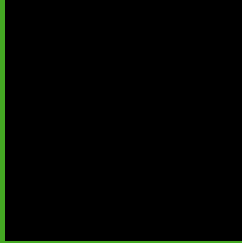
Any Text WCAG AA ✓ Pass

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 44A923 Background



This preview shows how black text looks on a background with the Hex color 44A923.



This preview shows how white text looks on a background with the Hex color 44A923.

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](#).

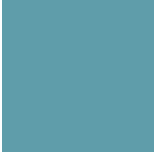
Dichromacy



Original Color
44A923

Protanopia
A6941D

Deuteranopia
B88C31



Tritanopia
5F9DAA

Trichromacy



Original Color

44A923



Protanomaly

829C1F



Deuteranomaly

8E972C



Tritanomaly

55A179

Monochromacy



Original Color

44A923



Achromatopsia

7C7C7C



Achromatomaly

688C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 44A923 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 #44A923 looks like.

```
.text, #text, p{  
    color:#44A923  
}
```

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 #44A923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A923
}
```

Border

The CSS property to change the border of an element to Hex 44A923 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".

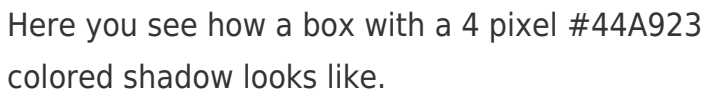
```
.border, #border, table{ border:4px solid
#44A923 }
```

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

```
.border{ border-color:#44A923 }
```

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

Here you see how a box with a 4 pixel #44A923 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A923; -webkit-box-shadow:4px 4px  
4px 4px #44A923; box-shadow:4px 4px 4px  
4px #44A923 }
```

Background

The CSS property to change the background color of an element to Hex 44A923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A923 }
```

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

```
.background{ background-color:#44A923 }
```

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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