

Converting Colors

Hex(479A22)

Have a look what the booklet for
Hex(479A22) contains.

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Color

Hex(479A22)

Conversions

Conversions Part 1

Format	Color
Hex	479A22
RGB	71, 154, 34
RGB Percent	28%, 60%, 13%
CMY	0.7216, 0.3961, 0.8667
CMYK	0.54, 0.00, 0.78, 0.40
HSL	102°, 64%, 37%
HSV	102°, 78%, 60%
XYZ	14.4429, 24.5663, 5.4939
YIQ	115.5030, -10.9480, -54.9160

Conversions

Conversions Part 2

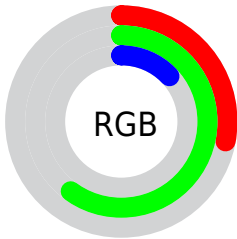
Format	Color
RYB	34, 154, 117
Decimal	4692514
CIELab	56.65, -46.33, 51.35
CIELCh	57, 69.168, 132.058
Yxy	24.5663, 0.3245, 0.5520
Android (android.graphics.Color)	4282882594 (0xFF479A22)
YUV	115.5030, -40.1810, -39.0291
Hunter-Lab	49.5644, -34.7235, 28.1231

Details

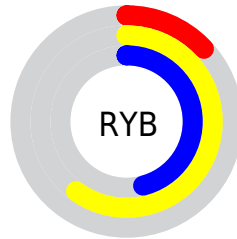
The Hex color **479A22** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **75229A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **80D158**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **3C9A13**, and if you desaturate by 10%, it is **529A31**.

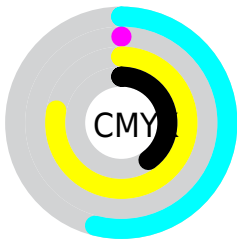
Distribution



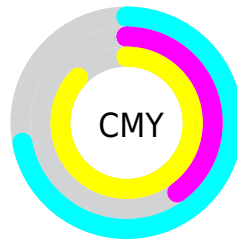
- Red (28%)
- Green (60%)
- Blue (13%)



- Red (13%)
- Yellow (60%)
- Blue (46%)



- Cyan (54%)
- Magenta (0%)
- Yellow (78%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 479A22 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 479A22 by changing the saturation by 10% instead.



479A22



479A22

FFFFFF



288000



80D158



006600



9CEE73



004D00



B8FF8E



003500



D6FFA9



001F00



F3FFC5



000000



FFFFE2



479A22



479A22



3C9A13



529A31

■ 329A03

■ 5C9A41

■ 2F9A00

■ 679A50

■ 729A60

■ 7C9A6F

■ 879A7E

■ 929A8E

■ 9C9A9D

■ A79AAD

Harmonies

Analogous

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



8D8D00



479A22



00A160

Triad

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



479A22



0099FB



F24672

Complementary

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



479A22



75229A

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.



E14FAE



479A22



0587FF

Square

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



479A22



00A1D8



A86CE2



E55C39

Rectangle

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



479A22



00A38A



A86CE2



F04586

Sweetspot

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



479A22



A9C99B



9A7422



526649



E6E6E6



666666

Same Dimension

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



479A22



46C90C



229A38



474D45



2B8C00



040D00

Inverse Universe

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



75229A



8F0CC9



9A2284



4A454D



61008C



09000D

Previews

White Background



This preview shows how the Hex color 479A22 looks on a white background.

Color Contrast Check

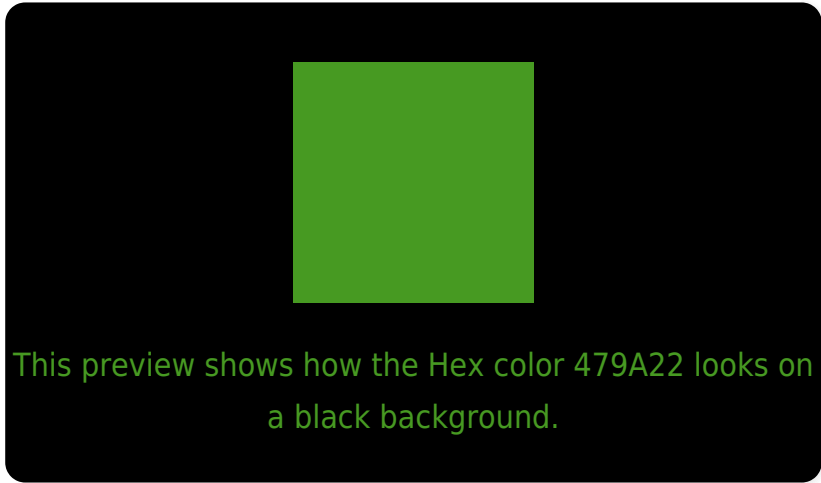
Large Text (above 18pt) WCAG AA ✓ Pass

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

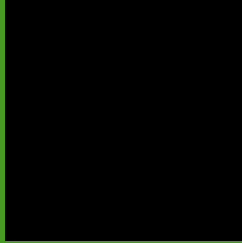
Any Text WCAG AA ✓ Pass

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 479A22 Background



This preview shows how black text looks on a background with the Hex color 479A22.



This preview shows how white text looks on a background with the Hex color 479A22.

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](#).

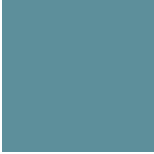
Dichromacy



Original Color
479A22

Protanopia
98871D

Deuteranopia
A9802E



Tritanopia
5D8F9B

Trichromacy



Original Color
479A22

Protanomaly
7B8E1F

Deuteranomaly
85892A

Tritanomaly
55936F

Monochromacy



Original Color
479A22

Achromatopsia
747474

Achromatomaly
648256

CSS Examples

Text

The CSS property to change the color of the text to Hex 479A22 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 #479A22 looks like.

```
.text, #text, p{  
    color:#479A22  
}
```

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 #479A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479A22
}
```

Border

The CSS property to change the border of an element to Hex 479A22 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
#479A22 }
```

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

```
.border{ border-color:#479A22 }
```

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

Here you see how a box with a 4 pixel #479A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479A22; -webkit-box-shadow:4px 4px  
4px 4px #479A22; box-shadow:4px 4px 4px  
4px #479A22 }
```

Background

The CSS property to change the background color of an element to Hex 479A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479A22 }
```

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

```
.background{ background-color:#479A22 }
```

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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