

Converting Colors

Hex(499A11)

Have a look what the booklet for
Hex(499A11) contains.

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Color

Hex(499A11)

Conversions

Conversions Part 1

Format	Color
Hex	499A11
RGB	73, 154, 17
RGB Percent	29%, 60%, 7%
CMY	0.7137, 0.3961, 0.9333
CMYK	0.53, 0.00, 0.89, 0.40
HSL	95°, 80%, 34%
HSV	95°, 89%, 60%
XYZ	14.4044, 24.5681, 4.5132
YIQ	114.1630, -4.2990, -59.7790

Conversions

Conversions Part 2

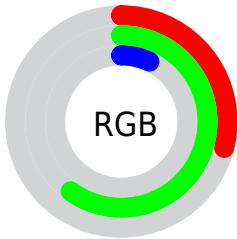
Format	Color
RYB	17, 154, 98
Decimal	4823569
CIELab	56.65, -46.58, 56.05
CIELCh	57, 72.875, 129.729
Yxy	24.5681, 0.3312, 0.5650
Android (android.graphics.Color)	4283013649 (0xFF499A11)
YUV	114.1630, -47.9014, -36.1000
Hunter-Lab	49.5663, -34.8671, 29.2977

Details

The Hex color **499A11** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **62119A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **82D14D**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **409A02**, and if you desaturate by 10%, it is **529A20**.

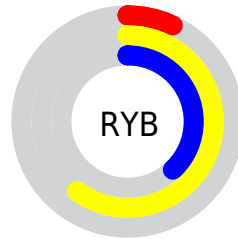
Distribution



Red (29%)

Green (60%)

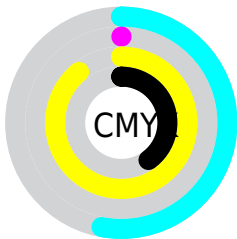
Blue (7%)



Red (7%)

Yellow (60%)

Blue (38%)

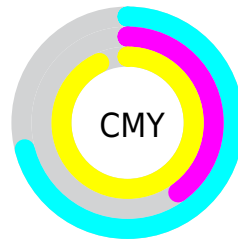


Cyan (53%)

Magenta (0%)

Yellow (89%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499A11 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 499A11 by changing the saturation by 10% instead.



499A11



499A11

FFFFFF



2A8000



82D14D



006600



9EEE68



004D00



BBFF83



003500



D8FF9F



001F00



F6FFBB



000000



FFFFD8



FFFFF5



499A11



499A11

■ 409A02

■ 529A20

■ 3F9A00

■ 5B9A30

■ 649A3F

■ 6D9A4F

■ 779A5E

■ 809A6D

■ 899A7D

■ 929A8C

■ 9B9A9C

Harmonies

Analogous

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



918C00



499A11



00A159

Triad

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



499A11



009BFF



F73E76

Complementary

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



499A11



62119A

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.



E24BB5



499A11



0089FF

Square

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



499A11



00A3D8



A36DEB



EB5639

Rectangle

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



499A11



00A485



A36DEB



F43E8B

Sweetspot

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



499A11



A9C993



9A6111



536645



E6E6E6



666666

Same Dimension

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



499A11



52C900



119A1C



484D45



398C00



050D00

Inverse Universe

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



62119A



7700C9



9A118F



49454D



53008C



08000D

Previews

White Background



This preview shows how the Hex color 499A11 looks on a white background.

Color Contrast Check

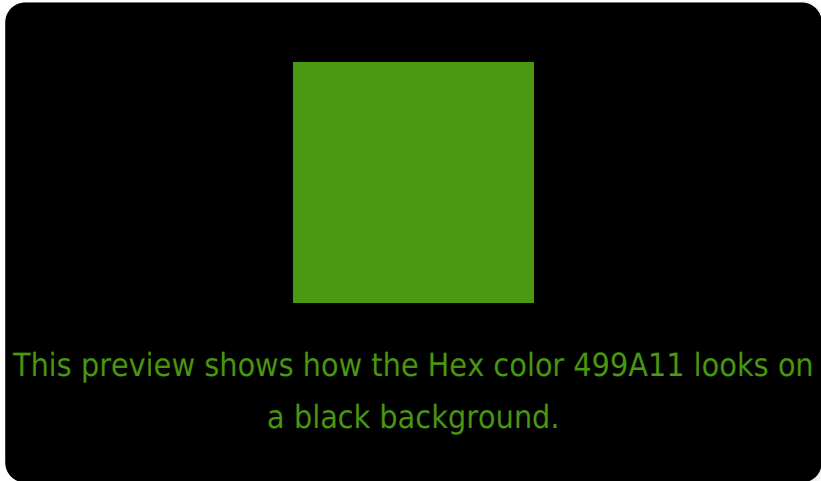
Large Text (above 18pt) WCAG AA ✓ Pass

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 499A11 Background



This preview shows how black text looks on a background with the Hex color 499A11.



This preview shows how white text looks on a background with the Hex color 499A11.

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
499A11

Protanopia
988709

Deuteranopia
AA8023



Tritanopia
5E8F9B

Trichromacy



Original Color
499A11

Protanomaly
7B8E0C

Deuteranomaly
87891C

Tritanomaly
569369

Monochromacy



Original Color
499A11

Achromatopsia
727272

Achromatomaly
63814F

CSS Examples

Text

The CSS property to change the color of the text to Hex 499A11 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 #499A11 looks like.

```
.text, #text, p{  
    color:#499A11  
}
```

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 #499A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499A11
}
```

Border

The CSS property to change the border of an element to Hex 499A11 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
#499A11 }
```

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

```
.border{ border-color:#499A11 }
```

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

Here you see how a box with a 4 pixel #499A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499A11; -webkit-box-shadow:4px 4px  
4px 4px #499A11; box-shadow:4px 4px 4px  
4px #499A11 }
```

Background

The CSS property to change the background color of an element to Hex 499A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499A11 }
```

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

```
.background{ background-color:#499A11 }
```

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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