

Converting Colors

Hex(495C08)

Have a look what the booklet for
Hex(495C08) contains.

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Color

Hex(495C08)

Conversions

Conversions Part 1

Format	Color
Hex	495C08
RGB	73, 92, 8
RGB Percent	29%, 36%, 3%
CMY	0.7137, 0.6392, 0.9686
CMYK	0.21, 0.00, 0.91, 0.64
HSL	74°, 84%, 20%
HSV	74°, 91%, 36%
XYZ	6.6186, 9.0883, 1.6351
YIQ	76.7430, 15.6400, -30.1520

Conversions

Conversions Part 2

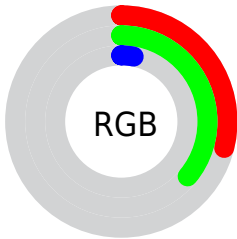
Format	Color
RYB	8, 92, 27
Decimal	4807688
CIELab	36.15, -19.09, 40.58
CIElCh	36, 44.846, 115.201
Yxy	9.0883, 0.3817, 0.5241
Android (android.graphics.Color)	4282997768 (0xFF495C08)
YUV	76.7430, -33.8903, -3.2826
Hunter-Lab	30.1468, -13.5678, 17.8870

Details

The Hex color **495C08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B085C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7C8E3D**, and **182E00** is the 20% darker color. If you saturate the color by 10%, you get **475C00**, and if you desaturate by 10%, it is **4B5C11**.

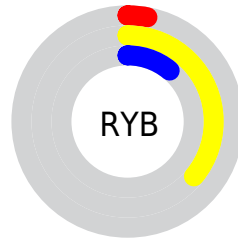
Distribution



Red (29%)

Green (36%)

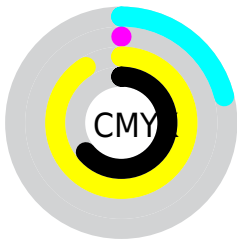
Blue (3%)



Red (3%)

Yellow (36%)

Blue (11%)

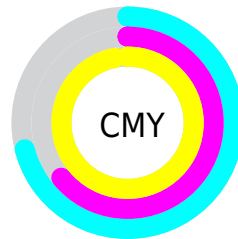


Cyan (21%)

Magenta (0%)

Yellow (91%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Hex color 495C08 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 495C08 by changing the saturation by 10% instead.

 495C08

 495C08

 FFFFF9

 314400

 7C8E3D

 182E00

 97A956

 001B00

 B3C46F

 000000

 CFE089

 ECFDA4

 FFFFC0

 FFFFDC

 495C08

 495C08

■ 475C00

■ 4B5C11

■ 4D5C1A

■ 4F5C24

■ 515C2D

■ 535C36

■ 555C3F

■ 585C48

■ 5A5C52

■ 5C5C5B

Harmonies

Analogous

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



6B5100



495C08



126229

Triad

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



495C08



006390



92315C

Complementary

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



495C08



1B085C

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.



7B3D7F



495C08



005B9D

Square

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



495C08



006673



494E97



943439

Rectangle

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



495C08



006541



494E97



8D3468

Sweetspot

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



495C08



717857



5C1A08



393D2A



BDBDBD



3D3D3D

Same Dimension

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



495C08



5D7800



205C08



2D2E29



556E00



B8ED00

Inverse Universe

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



1B085C



1B0078



44085C



2A292E



19006E



3600ED

Previews

White Background



This preview shows how the Hex color 495C08 looks on a white background.

Color Contrast Check

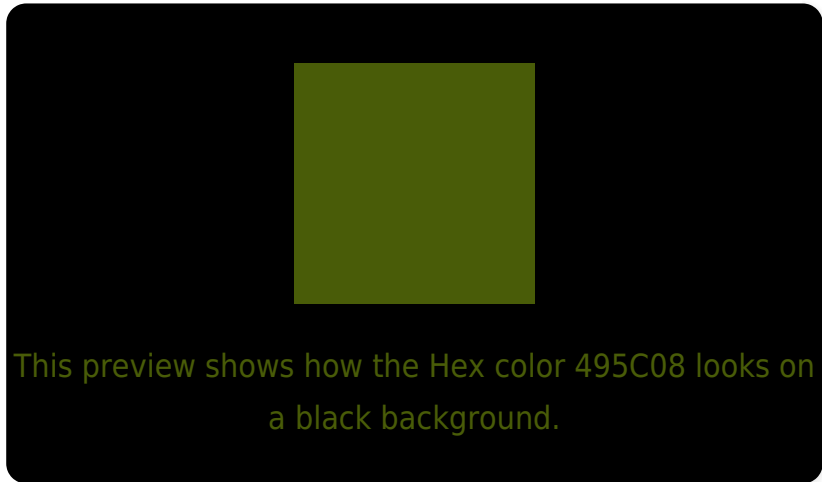
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

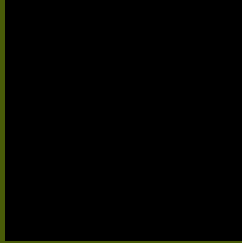
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 495C08 Background



This preview shows how black text looks on a background with the Hex color 495C08.



This preview shows how white text looks on a background with the Hex color 495C08.

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
495C08

Protanopia
605504

Deuteranopia
6B5112



Tritanopia
51565C

Trichromacy



Original Color
495C08

Protanomaly
585805

Deuteranomaly
5F550E

Tritanomaly
4E583D

Monochromacy



Original Color
495C08

Achromatopsia
4D4D4D

Achromatomaly
4C5234

CSS Examples

Text

The CSS property to change the color of the text to Hex 495C08 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 #495C08 looks like.

```
.text, #text, p{  
    color:#495C08  
}
```

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 #495C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495C08  
}
```

Border

The CSS property to change the border of an element to Hex 495C08 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".

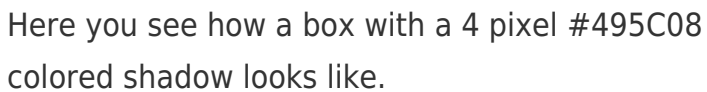
```
.border, #border, table{ border:4px solid  
#495C08 }
```

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

```
.border{ border-color:#495C08 }
```

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

Here you see how a box with a 4 pixel #495C08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495C08; -webkit-box-shadow:4px 4px  
4px 4px #495C08; box-shadow:4px 4px 4px  
4px #495C08 }
```

Background

The CSS property to change the background color of an element to Hex 495C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495C08 }
```

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

```
.background{ background-color:#495C08 }
```

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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