

# Converting Colors

Hex(495F29)

Have a look what the booklet for  
Hex(495F29) contains.

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**Color**

**Hex(495F29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495F29
RGB	73, 95, 41
RGB Percent	29%, 37%, 16%
CMY	0.7137, 0.6275, 0.8392
CMYK	0.23, 0.00, 0.57, 0.63
HSL	84°, 40%, 27%
HSV	84°, 57%, 37%
XYZ	7.2401, 9.7610, 3.6003
YIQ	82.2660, 4.2220, -21.4580

# Conversions

## Conversions Part 2

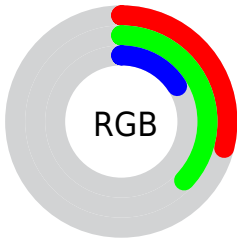
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 95, 63
Decimal	4808489
CIE Lab	37.41, -18.26, 27.89
CIE LCh	37, 33.340, 123.215
Yxy	9.7610, 0.3514, 0.4738
Android (android.graphics.Color)	4282998569 (0xFF495F29)
YUV	82.2660, -20.3441, -8.1263
Hunter-Lab	31.2426, -13.3092, 15.0374

# Details

The Hex color **495F29** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F295F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7B9258**, and **1C3100** is the 20% darker color. If you saturate the color by 10%, you get **455F20**, and if you desaturate by 10%, it is **4D5F33**.

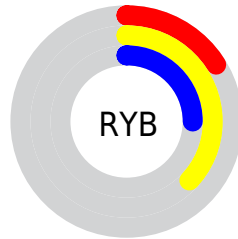
# Distribution



 Red (29%)

 Green (37%)

 Blue (16%)



 Red (16%)

 Yellow (37%)

 Blue (25%)

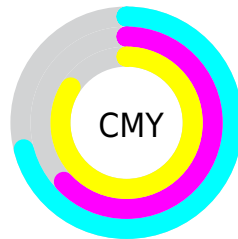


 Cyan (23%)

 Magenta (0%)

 Yellow (57%)

 Black (63%)



 Cyan (71%)

 Magenta (63%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495F29 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 495F29 by changing the saturation by 10% instead.





495F29



495F29

FFFFFF



314712



7B9258



1C3100



95AC71



001D00



B0C88B



000000



CCE4A5



E9FFC1



FFFFDD



FFFFF9



495F29



495F29

■ 455F20

■ 4D5F33

■ 415F16

■ 515F3C

■ 3D5F0D

■ 555F46

■ 3A5F03

■ 585F4F

■ 385F00

■ 5C5F59

■ 605F62

■ 645F6C

■ 685F75

■ 6C5F7E

# Harmonies

## Analogous

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



655820



495F29



24643F

# Triad

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



495F29



006188



894156

# Complementary

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



495F29



3F295F

# 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.



7B4671



495F29



2B5A8E

# Square

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



495F29



006575



5E5085



88453C

# Rectangle

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



495F29



006551



5E5085



86415F



# Sweetspot

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



495F29



727A66



5F3F29



383D31



BDBDBD



3D3D3D



# Same Dimension

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



495F29



587A27



2E5F29



2E302C



427000



8EF000



# Inverse Universe

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



3F295F



49277A



5A295F



2E2C30



2E0070

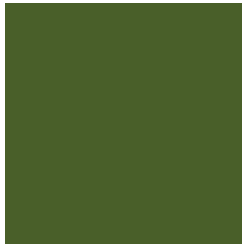


6200F0



# Previews

## White Background



This preview shows how the Hex color 495F29 looks on a white background.

## Color Contrast Check

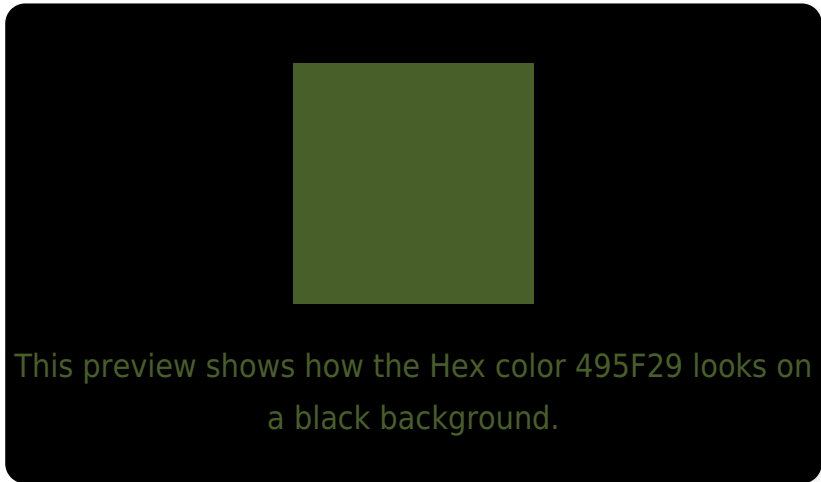
Large Text (above 18pt) WCAG AA ✓ Pass

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

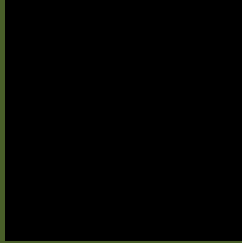
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495F29 Background



This preview shows how black text looks on a background with the Hex color 495F29.



This preview shows how white text looks on a background with the Hex color 495F29.

# 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](#).

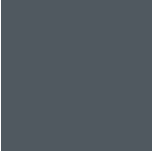
## Dichromacy



**Original Color**  
495F29

**Protanopia**  
625827

**Deuteranopia**  
6C542C



**Tritanopia**  
505960

# Trichromacy



**Original Color**  
495F29

**Protanomaly**  
595B28

**Deuteranomaly**  
5F582B

**Tritanomaly**  
4D5B4C

# Monochromacy



**Original Color**  
495F29

**Achromatopsia**  
525252

**Achromatomaly**  
4F5743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495F29 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 #495F29 looks like.

```
.text, #text, p{  
    color:#495F29  
}
```

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 #495F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495F29
}
```

## Border

The CSS property to change the border of an element to Hex 495F29 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
#495F29 }
```

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

```
.border{ border-color:#495F29 }
```

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

Here you see how a box with a 4 pixel #495F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495F29; -webkit-box-shadow:4px 4px  
4px 4px #495F29; box-shadow:4px 4px 4px  
4px #495F29 }
```

# Background

The CSS property to change the background color of an element to Hex 495F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495F29 }
```

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

```
.background{ background-color:#495F29 }
```

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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