

# Converting Colors

Hex(495649)

Have a look what the booklet for  
Hex(495649) contains.

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# Color

**Hex(495649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	495649
RGB	73, 86, 73
RGB Percent	29%, 34%, 29%
CMY	0.7137, 0.6627, 0.7137
CMYK	0.15, 0.00, 0.15, 0.66
HSL	120°, 8%, 31%
HSV	120°, 15%, 34%
XYZ	7.2780, 8.5531, 7.5706
YIQ	80.6310, -3.5750, -6.7990

# Conversions

## Conversions Part 2

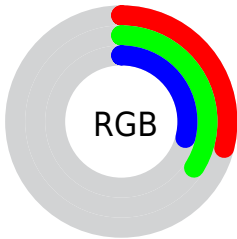
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 86, 86
Decimal	4806217
CIE Lab	35.11, -7.98, 5.88
CIE LCh	35, 9.908, 143.609
Yxy	8.5531, 0.3110, 0.3655
Android (android.graphics.Color)	4282996297 (0xFF495649)
YUV	80.6310, -3.7621, -6.6924
Hunter-Lab	29.2457, -6.7586, 5.1239

# Details

The Hex color **495649** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564956**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7A887A**, and **1D291D** is the 20% darker color. If you saturate the color by 10%, you get **405640**, and if you desaturate by 10%, it is **525652**.

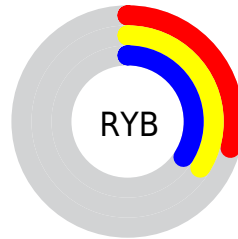
# Distribution



Red (29%)

Green (34%)

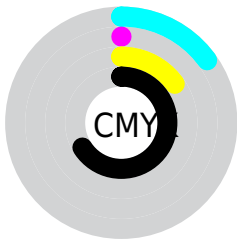
Blue (29%)



Red (29%)

Yellow (34%)

Blue (34%)

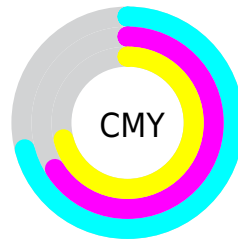


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (66%)



Cyan (71%)

Magenta (66%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495649 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 495649 by changing the saturation by 10% instead.





495649



495649

FFFFFF



323F32



7A887A



1D291D



93A293



051504



AEBDAE



000000



CAD9C9



E6F5E5



495649



495649



405640



525652



385638



5A565A

■ 2F562F

■ 635663

■ 275627

■ 6B566B

■ 1E561E

■ 745674

■ 155615

■ 7D567D

■ 0D560D

■ 855685

■ 045604

■ 8E568E

■ 005600

■ 965696

# Harmonies

## Analogous

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



525444



495649



415751

# Triad

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



495649



485462



634D4D

# Complementary

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



495649



564956

# 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.



614D55



495649



525161

# Square

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



495649



40565F



5B4F5C



614F46

# Rectangle

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



495649



3E5756



5B4F5C



634D4F



# Sweetspot

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



495649



6B706B



565649



353835



B8B8B8



383838



# Same Dimension

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



495649



5C705C



495650



272B27



006B00



00EB00



# Inverse Universe

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



564956



705C70



564950



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 495649 looks on a white background.

## Color Contrast Check

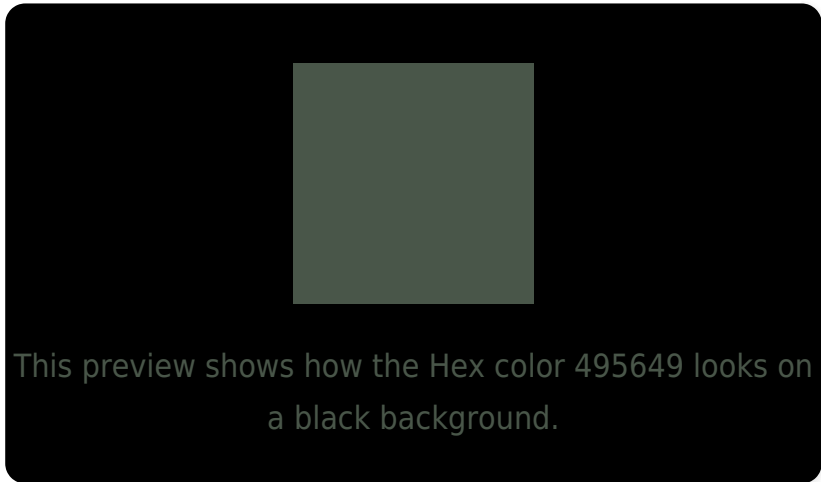
Large Text (above 18pt) WCAG AA ✓ Pass

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

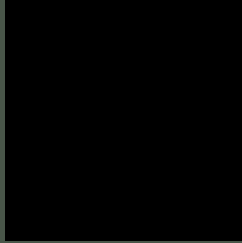
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

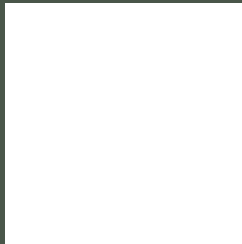
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 495649 Background



This preview shows how black text looks on a background with the Hex color 495649.

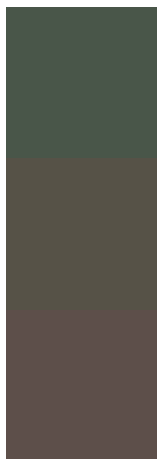


This preview shows how white text looks on a background with the Hex color 495649.

# 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**  
495649

**Protanopia**  
565247

**Deuteranopia**  
5D4F4A



**Tritanopia**  
4C545A

# Trichromacy



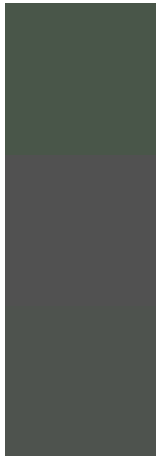
**Original Color**  
495649

**Protanomaly**  
515348

**Deuteranomaly**  
56524A

**Tritanomaly**  
4B5554

# Monochromacy



**Original Color**  
495649

**Achromatopsia**  
515151

**Achromatomaly**  
4E534E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495649 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 #495649 looks like.

```
.text, #text, p{  
    color:#495649  
}
```

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 #495649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495649
}
```

## Border

The CSS property to change the border of an element to Hex 495649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

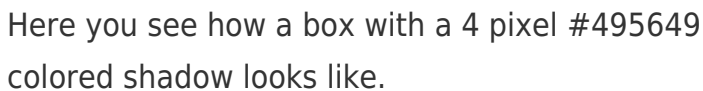
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495649 }
```

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

```
.border{ border-color:#495649 }
```

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



Here you see how a box with a 4 pixel #495649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495649; -webkit-box-shadow:4px 4px  
4px 4px #495649; box-shadow:4px 4px 4px  
4px #495649 }
```

# Background

The CSS property to change the background color of an element to Hex 495649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495649 }
```

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

```
.background{ background-color:#495649 }
```

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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