

Converting Colors

Hex(495A3B)

Have a look what the booklet for
Hex(495A3B) contains.

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Color

Hex(495A3B)

Conversions

Conversions Part 1

Format	Color
Hex	495A3B
RGB	73, 90, 59
RGB Percent	29%, 35%, 23%
CMY	0.7137, 0.6471, 0.7686
CMYK	0.19, 0.00, 0.34, 0.65
HSL	93°, 21%, 29%
HSV	93°, 34%, 35%
XYZ	7.1932, 9.0446, 5.5043
YIQ	81.3830, -0.1810, -13.2450

Conversions

Conversions Part 2

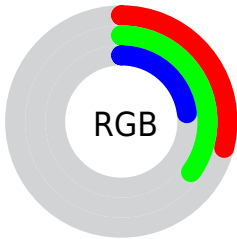
Format	Color
RYB	59, 90, 76
Decimal	4807227
CIELab	36.07, -12.95, 15.82
CIElCh	36, 20.445, 129.284
Yxy	9.0446, 0.3308, 0.4160
Android (android.graphics.Color)	4282997307 (0xFF495A3B)
YUV	81.3830, -11.0348, -7.3519
Hunter-Lab	30.0742, -9.9356, 10.2004

Details

The Hex color **495A3B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C3B5A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7A8C6B**, and **1C2C10** is the 20% darker color. If you saturate the color by 10%, you get **445A32**, and if you desaturate by 10%, it is **4E5A44**.

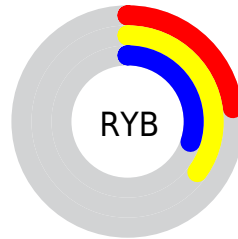
Distribution



 Red (29%)

 Green (35%)

 Blue (23%)



 Red (23%)

 Yellow (35%)

 Blue (30%)

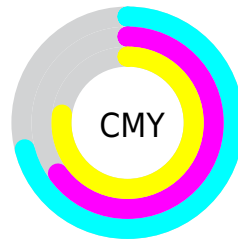


 Cyan (19%)

 Magenta (0%)

 Yellow (34%)

 Black (65%)



 Cyan (71%)

 Magenta (65%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495A3B 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 495A3B by changing the saturation by 10% instead.

■ 495A3B

■ 495A3B

FFFFFF

■ 324325

■ 7A8C6B

■ 1C2C10

■ 94A784

■ 001900

■ AFC29E

■ 000000

■ CADEB9

■ E6FAD5

■ FFFFF1

■ 495A3B

■ 495A3B

■ 445A32

■ 4E5A44

■ 3F5A29

■ 535A4D

■ 3A5A20

■ 585A56

■ 355A17

■ 5D5A5F

■ 305A0E

■ 625A68

■ 2B5A05

■ 675A71

■ 295A00

■ 6C5A7A

■ 705A83

■ 755A8C

Harmonies

Analogous

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



5B5534



495A3B



355D49

Triad

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



495A3B



2D5A73



754850

Complementary

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



495A3B



4C3B5A

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.



6E4A61



495A3B



465575

Square

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



495A3B



1B5D69



5D4F6E



734B41

Rectangle

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



495A3B



285E54



5D4F6E



744856

Sweetspot

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



495A3B



6F756A



5A4C3B



373B34



BABABA



3B3B3B

Same Dimension

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



495A3B



5B7545



3B5A3C



2B2E29



326E00



6BED00

Inverse Universe

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



4C3B5A



604575



5A3B59



2C292E



3C006E



8200ED

Previews

White Background



This preview shows how the Hex color 495A3B looks on a white background.

Color Contrast Check

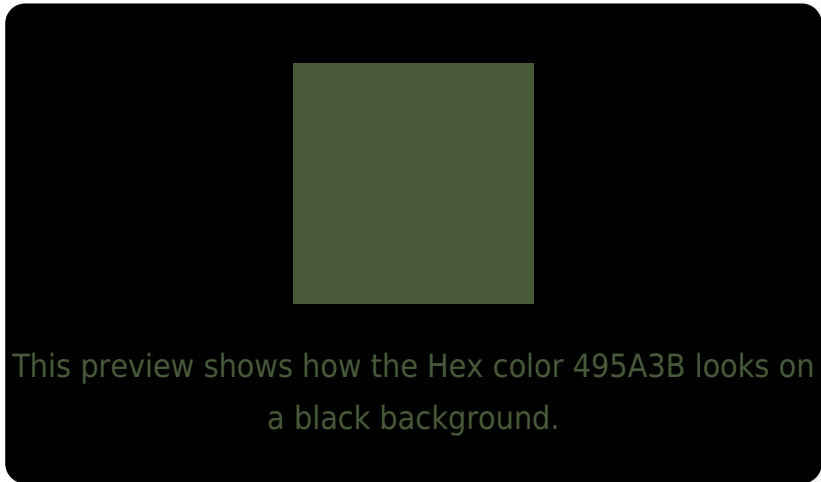
Large Text (above 18pt) WCAG AA ✓ Pass

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

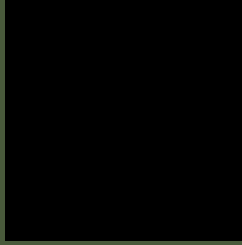
Any Text WCAG AA × Fail

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 495A3B Background



This preview shows how black text looks on a background with the Hex color 495A3B.



This preview shows how white text looks on a background with the Hex color 495A3B.

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](#).

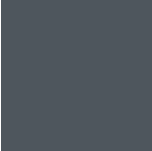
Dichromacy



Original Color
495A3B

Protanopia
5C5539

Deuteranopia
64513D



Tritanopia
4E565D

Trichromacy



Original Color
495A3B

Protanomaly
55573A

Deuteranomaly
5A543C

Tritanomaly
4C5751

Monochromacy



Original Color
495A3B

Achromatopsia
515151

Achromatomaly
4E5449

CSS Examples

Text

The CSS property to change the color of the text to Hex 495A3B 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 #495A3B looks like.

```
.text, #text, p{  
    color:#495A3B  
}
```

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 #495A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495A3B
}
```

Border

The CSS property to change the border of an element to Hex 495A3B 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
#495A3B }
```

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

```
.border{ border-color:#495A3B }
```

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

Here you see how a box with a 4 pixel #495A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495A3B; -webkit-box-shadow:4px 4px  
4px 4px #495A3B; box-shadow:4px 4px 4px  
4px #495A3B }
```

Background

The CSS property to change the background color of an element to Hex 495A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495A3B }
```

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

```
.background{ background-color:#495A3B }
```

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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