

Converting Colors

Hex(496155)

Have a look what the booklet for
Hex(496155) contains.

Hex(496155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(496155)

Conversions

Conversions Part 1

Format	Color
Hex	496155
RGB	73, 97, 85
RGB Percent	29%, 38%, 33%
CMY	0.7137, 0.6196, 0.6667
CMYK	0.25, 0.00, 0.12, 0.62
HSL	150°, 14%, 33%
HSV	150°, 25%, 38%
XYZ	8.6620, 10.6217, 10.1880
YIQ	88.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

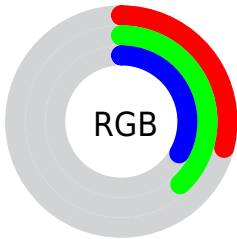
Format	Color
R_{YB}	73, 89, 97
Decimal	4809045
CIE _{Lab}	38.94, -11.79, 3.92
CIE _{LCh}	39, 12.420, 161.602
Yxy	10.6217, 0.2939, 0.3604
Android (android.graphics.Color)	4282999125 (0xFF496155)
YUV	88.4560, -1.7038, -13.5549
Hunter-Lab	32.5910, -9.5925, 4.2796

Details

The Hex color **496155** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614955**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7A9487**, and **1C3328** is the 20% darker color. If you saturate the color by 10%, you get **3F6150**, and if you desaturate by 10%, it is **53615A**.

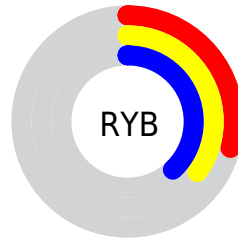
Distribution



Red (29%)

Green (38%)

Blue (33%)



Red (29%)

Yellow (35%)

Blue (38%)

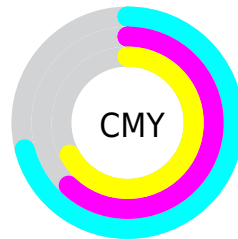


Cyan (25%)

Magenta (0%)

Yellow (12%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496155 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 496155 by changing the saturation by 10% instead.

 496155

 496155

FFFFFF

 32493E

 7A9487

 1C3328

 94AEA1

 061E14

 AFCABC

 000000

 CAE6D7

 E6FFF4

 496155

 496155

 3F6150

 53615A

 36614B

 5C615F

■ 2C6146

■ 666164

■ 226142

■ 706168

■ 18613D

■ 7A616D

■ 0F6138

■ 836172

■ 056133

■ 8D6177

■ 006131

■ 97617C

■ A06181

Harmonies

Analogous

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



545F4C



496155



41625F

Triad

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



496155



555B6F



6F564F

Complementary

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



496155



614955

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.



715558



496155



62586B

Square

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



496155



495E6F



6C5562



695949

Rectangle

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



496155



406166



6C5562



705552

Sweetspot

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



496155



747D79



556149



3B403D



BFBFBF



404040

Same Dimension

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



496155



577D6A



496161



2C302E



007038



00F078

Inverse Universe

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



614955



7D576A



614949



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 496155 looks on a white background.

Color Contrast Check

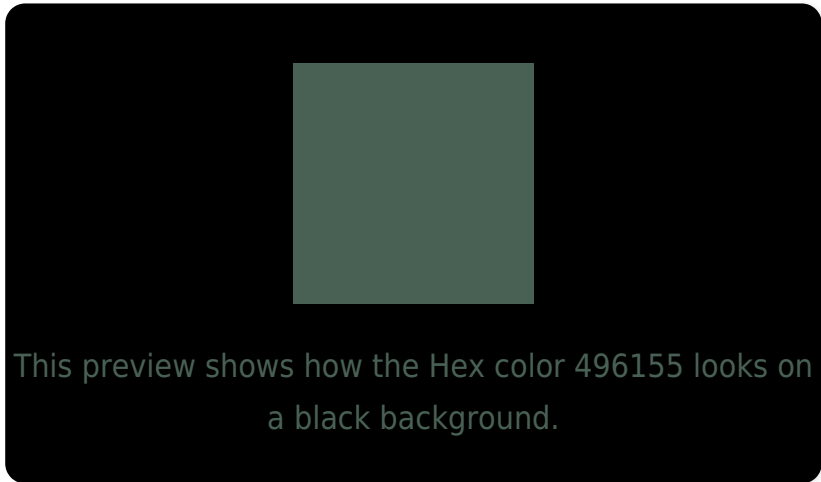
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

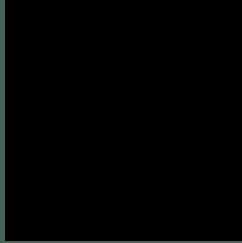
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 496155 Background



This preview shows how black text looks on a background with the Hex color 496155.



This preview shows how white text looks on a background with the Hex color 496155.

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
496155

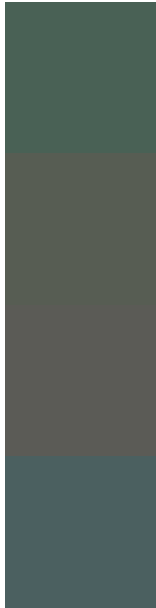
Protanopia
5F5B52

Deuteranopia
665857



Tritanopia
4C5F66

Trichromacy



Original Color
496155

Protanomaly
575D53

Deuteranomaly
5B5B56

Tritanomaly
4B6060

Monochromacy



Original Color
496155

Achromatopsia
585858

Achromatomaly
535B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 496155 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 #496155 looks like.

```
.text, #text, p{  
    color:#496155  
}
```

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 #496155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496155  
}
```

Border

The CSS property to change the border of an element to Hex 496155 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  
#496155 }
```

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

```
.border{ border-color:#496155 }
```

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

Here you see how a box with a 4 pixel #496155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496155; -webkit-box-shadow:4px 4px  
4px 4px #496155; box-shadow:4px 4px 4px  
4px #496155 }
```

Background

The CSS property to change the background color of an element to Hex 496155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496155 }
```

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

```
.background{ background-color:#496155 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor