

# Converting Colors

Hex(496C5D)

Have a look what the booklet for  
Hex(496C5D) contains.

<b>Hex(496C5D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(496C5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	496C5D
RGB	73, 108, 93
RGB Percent	29%, 42%, 36%
CMY	0.7137, 0.5765, 0.6353
CMYK	0.32, 0.00, 0.14, 0.58
HSL	154°, 19%, 35%
HSV	154°, 32%, 42%
XYZ	10.0860, 12.9319, 12.3204
YIQ	95.8250, -16.0450, -12.0850

# Conversions

## Conversions Part 2

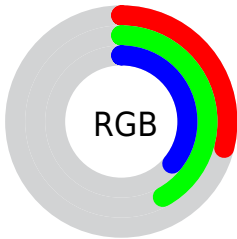
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 95, 108
Decimal	4811869
CIELab	42.66, -16.13, 4.40
CIELCh	43, 16.720, 164.730
Yxy	12.9319, 0.2854, 0.3659
Android (android.graphics.Color)	4283001949 (0xFF496C5D)
YUV	95.8250, -1.3927, -20.0175
Hunter-Lab	35.9610, -12.8676, 4.8596

# Details

The Hex color **496C5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4958**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7BA08F**, and **1B3C2F** is the 20% darker color. If you saturate the color by 10%, you get **3E6C58**, and if you desaturate by 10%, it is **546C62**.

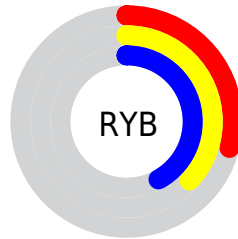
# Distribution



Red (29%)

Green (42%)

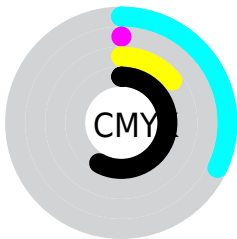
Blue (36%)



Red (29%)

Yellow (37%)

Blue (42%)

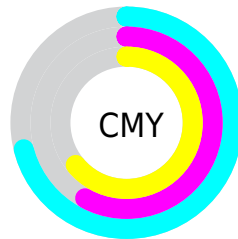


Cyan (32%)

Magenta (0%)

Yellow (14%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496C5D 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 496C5D by changing the saturation by 10% instead.



 496C5D

 496C5D

FFFFFF

 315445

 7BA08F

 1B3C2F

 95BBAA

 04261A

 B0D6C5

 001100

 CBF3E1

 000000

 E8FFFE

 496C5D

 496C5D

 3E6C58

 546C62

 336C54

 5F6C66

■ 296C4F

■ 696C6B

■ 1E6C4A

■ 746C70

■ 136C46

■ 7F6C74

■ 086C41

■ 8A6C79

■ 006C3E

■ 956C7D

■ 9F6C82

■ AA6C87

# Harmonies

## Analogous

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



586A51



496C5D



3E6D6B

# Triad

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



496C5D



5D647F



7E5D52

# Complementary

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



496C5D



6C4958

# 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.



815B5E



496C5D



6F5F78

# Square

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



496C5D



4B687F



7C5C6C



75614A

# Rectangle

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



496C5D



3D6C74



7C5C6C



805C56



# Sweetspot

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



496C5D



7E8C86



586C49



3F4744



C7C7C7



474747



# Same Dimension

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



496C5D



568C75



496A6C



303633



007543



00F58C



# Inverse Universe

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



6C4958



8C566D



6C4B49



363032



750032



F50069



# Previews

## White Background



This preview shows how the Hex color 496C5D looks on a white background.

## Color Contrast Check

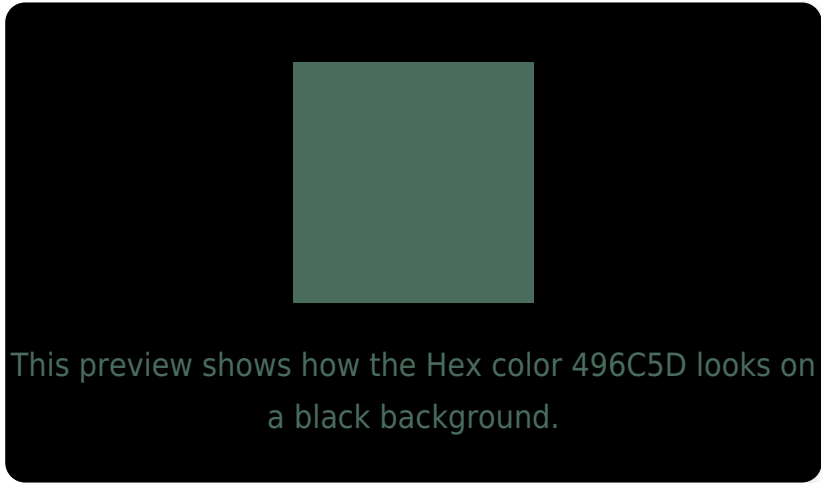
Large Text (above 18pt) WCAG AA ✓ Pass

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

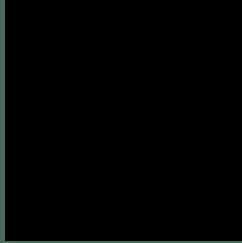
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496C5D Background



This preview shows how black text looks on a background with the Hex color 496C5D.

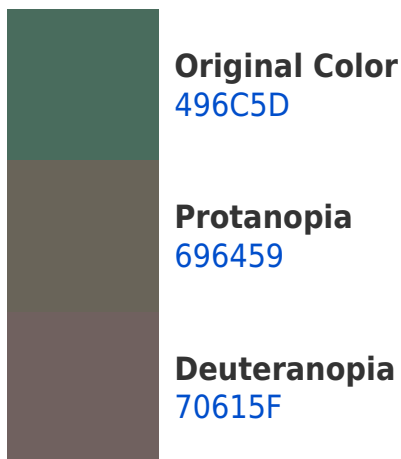


This preview shows how white text looks on a background with the Hex color 496C5D.

# 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





**Tritanopia**  
4D6972

# Trichromacy



**Original Color**  
496C5D

**Protanomaly**  
5D675A

**Deuteranomaly**  
62655E

**Tritanomaly**  
4C6A6A

# Monochromacy



**Original Color**  
496C5D

**Achromatopsia**  
606060

**Achromatomaly**  
58645F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496C5D 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 #496C5D looks like.

```
.text, #text, p{  
    color:#496C5D  
}
```

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 #496C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496C5D
}
```

## Border

The CSS property to change the border of an element to Hex 496C5D 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
#496C5D }
```

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

```
.border{ border-color:#496C5D }
```

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

Here you see how a box with a 4 pixel #496C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496C5D; -webkit-box-shadow:4px 4px  
4px 4px #496C5D; box-shadow:4px 4px 4px  
4px #496C5D }
```

# Background

The CSS property to change the background color of an element to Hex 496C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496C5D }
```

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

```
.background{ background-color:#496C5D }
```

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