

# Converting Colors

Hex(496469)

Have a look what the booklet for  
Hex(496469) contains.

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# Color

**Hex(496469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496469
RGB	73, 100, 105
RGB Percent	29%, 39%, 41%
CMY	0.7137, 0.6078, 0.5882
CMYK	0.30, 0.05, 0.00, 0.59
HSL	189°, 18%, 35%
HSV	189°, 30%, 41%
XYZ	9.8546, 11.5507, 15.0747
YIQ	92.4970, -17.6970, -4.1690

# Conversions

## Conversions Part 2

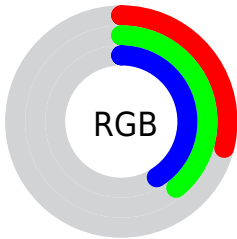
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 88, 105
Decimal	4809833
CIE Lab	40.49, -8.61, -6.06
CIE LCh	40, 10.531, 215.151
Yxy	11.5507, 0.2701, 0.3166
Android (android.graphics.Color)	4282999913 (0xFF496469)
YUV	92.4970, 6.1640, -17.0989
Hunter-Lab	33.9864, -7.7186, -2.5077

# Details

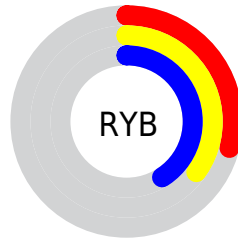
The Hex color **496469** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694E49**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7B979C**, and **1B353A** is the 20% darker color. If you saturate the color by 10%, you get **3E6269**, and if you desaturate by 10%, it is **536669**.

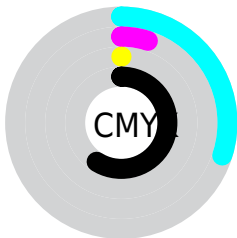
# Distribution



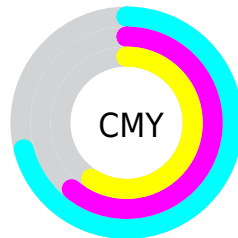
- Red (29%)
- Green (39%)
- Blue (41%)



- Red (29%)
- Yellow (35%)
- Blue (41%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (61%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496469 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 496469 by changing the saturation by 10% instead.





496469



496469

FFFFFF



324C51



7B979C



1B353A



95B2B7



042024



B0CDD3



000410



CBE9EF



000000



E8FFFF



496469



496469



3E6269



536669



346169



5E6769

■ 295F69

■ 696969

■ 1F5D69

■ 736B69

■ 145C69

■ 7E6C69

■ 0A5A69

■ 886E69

■ 005969

■ 936F69

■ 9D7169

■ A87369

# Harmonies

## Analogous

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



4B6561



496469



4E626F

# Triad

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



496469



6C5A67



655F4E

# Complementary

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



496469



694E49

# 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.



6D5C50



496469



71595E

# Square

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



496469



635D6E



715A56



5B6251

# Rectangle

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



496469



546170



715A56



685E4E



# Sweetspot

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



496469



7D888A



49694E



3D4445



C4C4C4



454545



# Same Dimension

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



496469



57828A



495469



303536



006375



00CFF5



# Inverse Universe

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



694964



8A5782



695E49



363035



750063



F500CF



# Previews

## White Background



This preview shows how the Hex color 496469 looks on a white background.

## Color Contrast Check

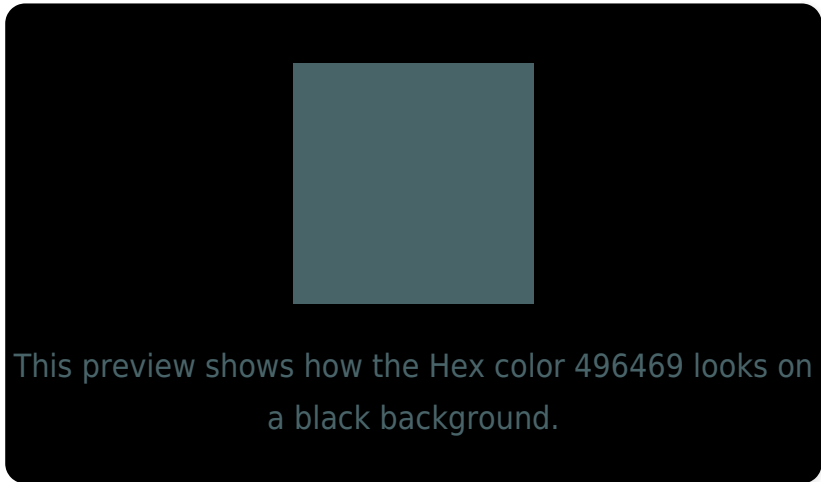
Large Text (above 18pt) WCAG AA ✓ Pass

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

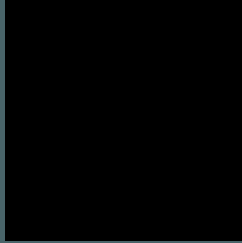
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496469 Background



This preview shows how black text looks on a background with the Hex color 496469.

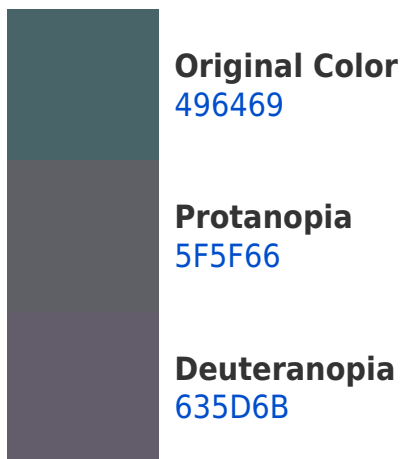



This preview shows how white text looks on a background with the Hex color 496469.

# 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](#).

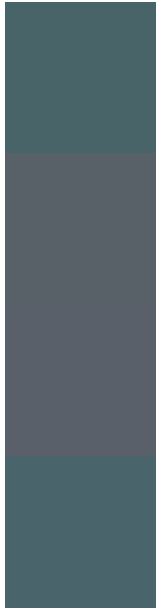
## Dichromacy





**Tritanopia**  
4A646C

# Trichromacy



**Original Color**  
496469

**Protanomaly**  
576167

**Deuteranomaly**  
5A606A

**Tritanomaly**  
4A646B

# Monochromacy



**Original Color**  
496469

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
555F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496469 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 #496469 looks like.

```
.text, #text, p{  
    color:#496469  
}
```

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 #496469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496469
}
```

## Border

The CSS property to change the border of an element to Hex 496469 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
#496469 }
```

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

```
.border{ border-color:#496469 }
```

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

Here you see how a box with a 4 pixel #496469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496469; -webkit-box-shadow:4px 4px  
4px 4px #496469; box-shadow:4px 4px 4px  
4px #496469 }
```

# Background

The CSS property to change the background color of an element to Hex 496469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496469 }
```

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

```
.background{ background-color:#496469 }
```

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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