

# Converting Colors

Hex(496670)

Have a look what the booklet for  
Hex(496670) contains.

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# Color

**Hex(496670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496670
RGB	73, 102, 112
RGB Percent	29%, 40%, 44%
CMY	0.7137, 0.6000, 0.5608
CMYK	0.35, 0.09, 0.00, 0.56
HSL	195°, 21%, 36%
HSV	195°, 35%, 44%
XYZ	10.4237, 12.0891, 17.1133
YIQ	94.4690, -20.4940, -3.0380

# Conversions

## Conversions Part 2

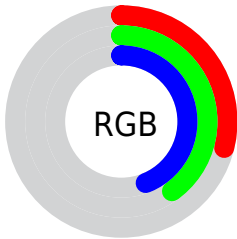
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 90, 112
Decimal	4810352
CIE <sub>Lab</sub>	41.36, -7.90, -9.04
CIE <sub>LCh</sub>	41, 12.006, 228.854
Yxy	12.0891, 0.2631, 0.3051
Android (android.graphics.Color)	4283000432 (0xFF496670)
YUV	94.4690, 8.6428, -18.8283
Hunter-Lab	34.7693, -7.3330, -4.8437

# Details

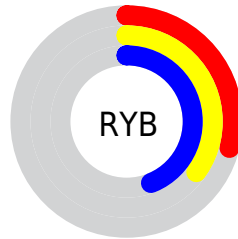
The Hex color **496670** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **705349**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B99A4**, and **1A3740** is the 20% darker color. If you saturate the color by 10%, you get **3E6370**, and if you desaturate by 10%, it is **546970**.

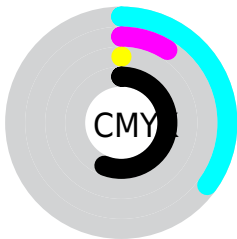
# Distribution



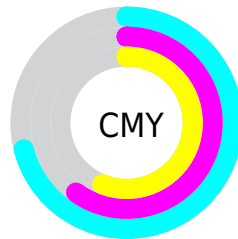
- Red (29%)
- Green (40%)
- Blue (44%)



- Red (29%)
- Yellow (35%)
- Blue (44%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496670 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 496670 by changing the saturation by 10% instead.



■ 496670

■ 496670

FFFFFF

■ 314E58

■ 7B99A4

■ 1A3740

■ 95B4BF

■ 02222A

■ B0CFDB

■ 000A16

■ CCECF7

■ 000000

■ E8FFFF

■ 496670

■ 496670

■ 3E6370

■ 546970

■ 336070

■ 5F6C70

■ 275D70

■ 6B6F70

■ 1C5B70

■ 767170

■ 115870

■ 817470

■ 065570

■ 8C7770

■ 005370

■ 977A70

■ A37D70

■ AE8070

# Harmonies

## Analogous

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



476768



496670



526475

# Triad

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



496670



735B66



63634F

# Complementary

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



496670



705349

# 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.



6D604E



496670



765B5C

# Square

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



496670



6B5D6F



745D53



576554

# Rectangle

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



496670



5A6175



745D53



66624E



# Sweetspot

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



496670



838E91



497053



41484A



C9C9C9



4A4A4A



# Same Dimension

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



496670



548291



495370



323738



005978



00B8F7



# Inverse Universe

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



704966



915482



706649



383237



780059



F700B8



# Previews

## White Background



This preview shows how the Hex color 496670 looks on a white background.

## Color Contrast Check

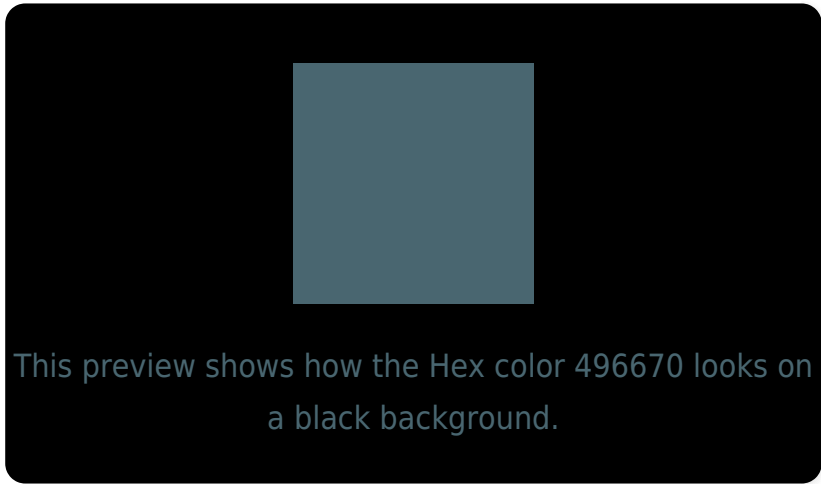
Large Text (above 18pt) WCAG AA ✓ Pass

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

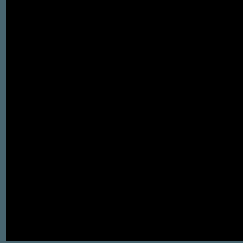
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496670 Background



This preview shows how black text looks on a background with the Hex color 496670.



This preview shows how white text looks on a background with the Hex color 496670.

# 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**  
496670

**Protanopia**  
60616C

**Deuteranopia**  
635F71



**Tritanopia**  
49666E

# Trichromacy



**Original Color**  
496670

**Protanomaly**  
58636D

**Deuteranomaly**  
5A6271

**Tritanomaly**  
49666F

# Monochromacy



**Original Color**  
496670

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
566165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496670 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 #496670 looks like.

```
.text, #text, p{  
    color:#496670  
}
```

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 #496670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496670
}
```

## Border

The CSS property to change the border of an element to Hex 496670 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
#496670 }
```

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

```
.border{ border-color:#496670 }
```

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

Here you see how a box with a 4 pixel #496670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496670; -webkit-box-shadow:4px 4px  
4px 4px #496670; box-shadow:4px 4px 4px  
4px #496670 }
```

# Background

The CSS property to change the background color of an element to Hex 496670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496670 }
```

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

```
.background{ background-color:#496670 }
```

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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