

# Converting Colors

Hex(496277)

Have a look what the booklet for  
Hex(496277) contains.

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# Color

**Hex(496277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496277
RGB	73, 98, 119
RGB Percent	29%, 38%, 47%
CMY	0.7137, 0.6157, 0.5333
CMYK	0.39, 0.18, 0.00, 0.53
HSL	207°, 24%, 38%
HSV	207°, 39%, 47%
XYZ	10.4451, 11.4837, 19.1188
YIQ	92.9190, -21.6410, 1.2310

# Conversions

## Conversions Part 2

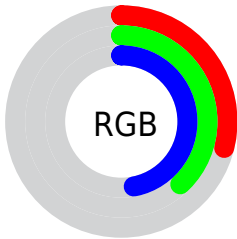
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 89, 119
Decimal	4809335
CIE <sub>Lab</sub>	40.38, -3.54, -14.78
CIE <sub>LCh</sub>	40, 15.199, 256.538
Yxy	11.4837, 0.2545, 0.2798
Android (android.graphics.Color)	4282999415 (0xFF496277)
YUV	92.9190, 12.8579, -17.4690
Hunter-Lab	33.8877, -4.2848, -9.7290

# Details

The Hex color **496277** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **775E49**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7B95AB**, and **193447** is the 20% darker color. If you saturate the color by 10%, you get **3D5D77**, and if you desaturate by 10%, it is **556777**.

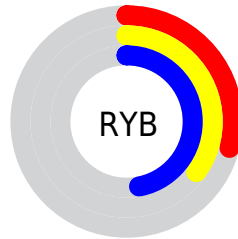
# Distribution



Red (29%)

Green (38%)

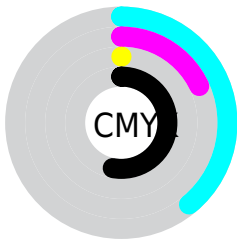
Blue (47%)



Red (29%)

Yellow (35%)

Blue (47%)

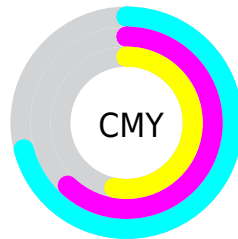


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (71%)

Magenta (62%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496277 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 496277 by changing the saturation by 10% instead.



■ 496277

■ 496277

FFFFFF

■ 314A5E

■ 7B95AB

■ 193447

■ 96AFC7

■ 001F30

■ B1CBE3

■ 00041C

■ CCE7FF

■ 000000

■ E9FFFF

■ 496277

■ 496277

■ 3D5D77

■ 556777

■ 315777

■ 616D77

■ 255277

■ 6D7277

■ 194C77

■ 797877

■ 0D4777

■ 847D77

■ 024177

■ 908377

■ 004177

■ 9C8877

■ A88D77

■ B49377

# Harmonies

## Analogous

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



3D6571



496277



5A5E77

# Triad

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



496277



795659



53644E

# Complementary

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



496277



775E49

# 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.



616147



496277



76594E

# Square

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



496277



755765



6E5C47



466659

# Rectangle

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



496277



655B73



6E5C47



58634B



# Sweetspot

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



496277



89939C



49775E



444A4F



CFCFCF



4F4F4F



# Same Dimension

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



496277



547B9C



494B77



35383B



00437A



0088FA



# Inverse Universe

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



774962



9C547B



777549



3B3538



7A0043



FA0088



# Previews

## White Background



This preview shows how the Hex color 496277 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

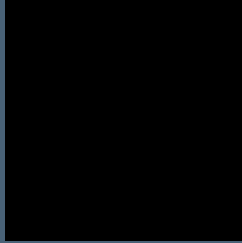
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

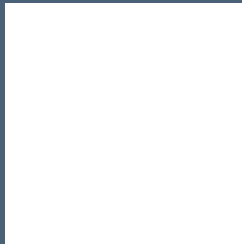
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 496277 Background



This preview shows how black text looks on a background with the Hex color 496277.

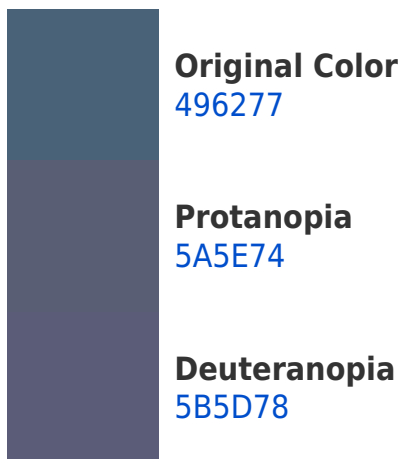



This preview shows how white text looks on a background with the Hex color 496277.

# 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**  
46646C

# Trichromacy



**Original Color**  
496277

**Protanomaly**  
545F75

**Deuteranomaly**  
545F78

**Tritanomaly**  
476370

# Monochromacy



**Original Color**  
496277

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
565F66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496277 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 #496277 looks like.

```
.text, #text, p{  
    color:#496277  
}
```

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 #496277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496277  
}
```

## Border

The CSS property to change the border of an element to Hex 496277 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  
#496277 }
```

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

```
.border{ border-color:#496277 }
```

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

Here you see how a box with a 4 pixel #496277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496277; -webkit-box-shadow:4px 4px  
4px 4px #496277; box-shadow:4px 4px 4px  
4px #496277 }
```

# Background

The CSS property to change the background color of an element to Hex 496277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496277 }
```

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

```
.background{ background-color:#496277 }
```

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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