

# Converting Colors

Hex(476466)

Have a look what the booklet for  
Hex(476466) contains.

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# Color

**Hex(476466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	476466
RGB	71, 100, 102
RGB Percent	28%, 39%, 40%
CMY	0.7216, 0.6078, 0.6000
CMYK	0.30, 0.02, 0.00, 0.60
HSL	184°, 18%, 34%
HSV	184°, 30%, 40%
XYZ	9.5540, 11.4132, 14.2698
YIQ	91.5570, -17.9260, -5.5260

# Conversions

## Conversions Part 2

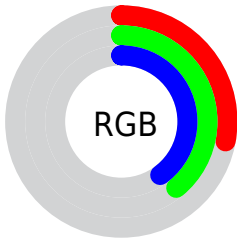
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 86, 102
Decimal	4678758
CIE <sub>Lab</sub>	40.27, -10.05, -4.58
CIE <sub>LCh</sub>	40, 11.047, 204.471
Yxy	11.4132, 0.2711, 0.3239
Android (android.graphics.Color)	4282868838 (0xFF476466)
YUV	91.5570, 5.1484, -18.0285
Hunter-Lab	33.7835, -8.6413, -1.3950

# Details

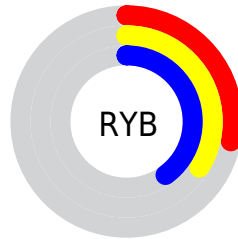
The Hex color **476466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664947**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **799799**, and **193537** is the 20% darker color. If you saturate the color by 10%, you get **3D6366**, and if you desaturate by 10%, it is **516566**.

# Distribution



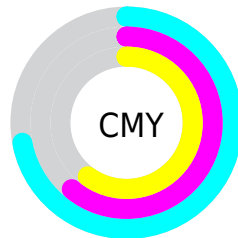
- Red (28%)
- Green (39%)
- Blue (40%)



- Red (28%)
- Yellow (34%)
- Blue (40%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 476466 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 476466 by changing the saturation by 10% instead.



476466

476466

FFFFFF

304C4E

799799

193537

93B2B4

032022

ADCDCF

00020C

C9E9EB

000000

E5FFFF

476466

476466

3D6366

516566

336366

5B6566

■ 286266

■ 666666

■ 1E6166

■ 706766

■ 146166

■ 7A6766

■ 0A6066

■ 846866

■ 005F66

■ 8E6966

■ 996966

■ A36A66

# Harmonies

## Analogous

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



4B645D



476466



4A636D

# Triad

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



476466



695A69



685E4D

# Complementary

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



476466



664947

# 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.



6F5B51



476466



705961

# Square

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



476466



5E5D6F



725958



5E614E

# Rectangle

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



476466



4F6170



725958



6A5D4E



# Sweetspot

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



476466



798485



476649



3B4242



C2C2C2



424242



# Same Dimension

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



476466



558285



475566



2E3333



006B73



00E3F2



# Inverse Universe

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



664764



855582



665847



332E33



73006B



F200E3



# Previews

## White Background



This preview shows how the Hex color 476466 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

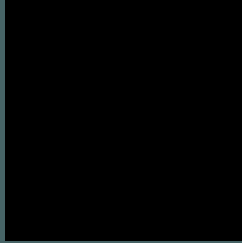
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 476466 Background



This preview shows how black text looks on a background with the Hex color 476466.



This preview shows how white text looks on a background with the Hex color 476466.

# 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**  
476466

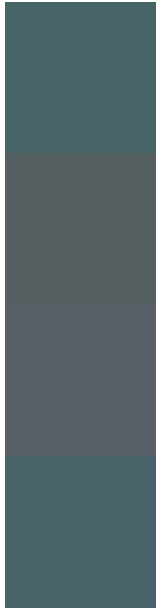
**Protanopia**  
5F5E62

**Deuteranopia**  
645C68



**Tritanopia**  
48636B

# Trichromacy



**Original Color**  
476466

**Protanomaly**  
566063

**Deuteranomaly**  
595F67

**Tritanomaly**  
486369

# Monochromacy



**Original Color**  
476466

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
545F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 476466 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 #476466 looks like.

```
.text, #text, p{  
    color:#476466  
}
```

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 #476466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476466
}
```

## Border

The CSS property to change the border of an element to Hex 476466 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
#476466 }
```

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

```
.border{ border-color:#476466 }
```

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

Here you see how a box with a 4 pixel #476466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476466; -webkit-box-shadow:4px 4px  
4px 4px #476466; box-shadow:4px 4px 4px  
4px #476466 }
```

# Background

The CSS property to change the background color of an element to Hex 476466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476466 }
```

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

```
.background{ background-color:#476466 }
```

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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