

Converting Colors

Hex(476177)

Have a look what the booklet for
Hex(476177) contains.

Hex(476177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(476177)

Conversions

Conversions Part 1

Format	Color
Hex	476177
RGB	71, 97, 119
RGB Percent	28%, 38%, 47%
CMY	0.7216, 0.6196, 0.5333
CMYK	0.40, 0.18, 0.00, 0.53
HSL	208°, 25%, 37%
HSV	208°, 40%, 47%
XYZ	10.2030, 11.2209, 19.0809
YIQ	91.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

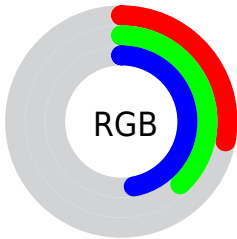
Format	Color
R_YB	71, 88, 119
Decimal	4678007
CIE Lab	39.95, -3.53, -15.45
CIE LCh	40, 15.854, 257.117
Yxy	11.2209, 0.2519, 0.2770
Android (android.graphics.Color)	4282868087 (0xFF476177)
YUV	91.7340, 13.4421, -18.1837
Hunter-Lab	33.4976, -4.2517, -10.3244

Details

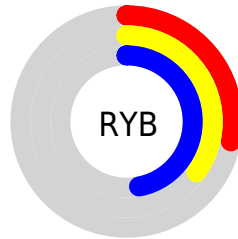
The Hex color **476177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **775D47**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7994AB**, and **163347** is the 20% darker color. If you saturate the color by 10%, you get **3B5C77**, and if you desaturate by 10%, it is **536677**.

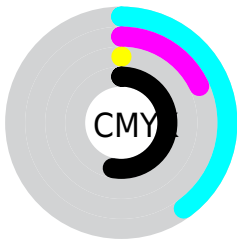
Distribution



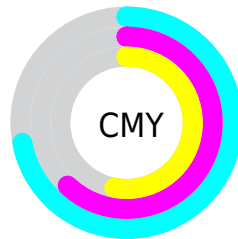
- Red (28%)
- Green (38%)
- Blue (47%)



- Red (28%)
- Yellow (35%)
- Blue (47%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (62%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476177 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 476177 by changing the saturation by 10% instead.

■ 476177

■ 476177

FFFFFF

■ 2F495E

■ 7994AB

■ 163347

■ 94AEC7

■ 001E30

■ AFC9E3

■ 00011C

■ CAE6FF

■ 000000

■ E7FFFF

■ 476177

■ 476177

■ 3B5C77

■ 536677

■ 2F5677

■ 5F6C77

■ 235177

■ 6B7177

■ 174B77

■ 777777

■ 0B4677

■ 837C77

■ 004077

■ 8E8277

■ 9A8777

■ A68D77

■ B29277

Harmonies

Analogous

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



3B6471



476177



595D77

Triad

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



476177



795557



51634C

Complementary

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



476177



775D47

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.



606045



476177



76574C

Square

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



476177



745564



6D5B45



436558

Rectangle

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



476177



645A73



6D5B45



566249

Sweetspot

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



476177



89939C



47775D



444A4F



CFCFCF



4F4F4F

Same Dimension

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



476177



51799C



474977



35383B



00427A



0087FA

Inverse Universe

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



774761



9C5179



777547



3B3538



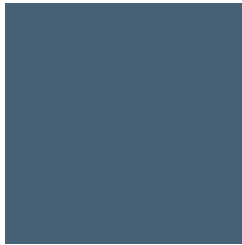
7A0042



FA0087

Previews

White Background



This preview shows how the Hex color 476177 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

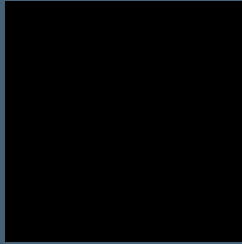
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

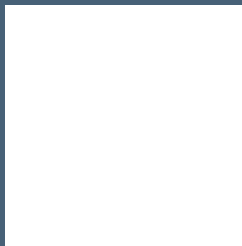
Any Text WCAG AAA × Fail

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

Hex 476177 Background



This preview shows how black text looks on a background with the Hex color 476177.

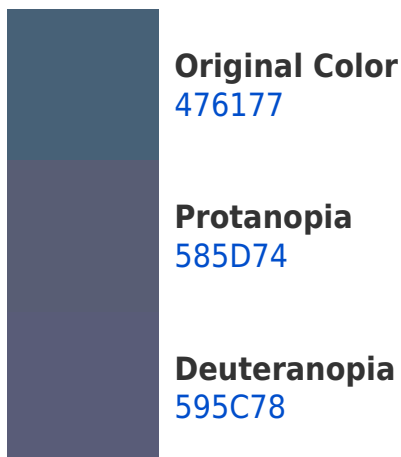


This preview shows how white text looks on a background with the Hex color 476177.

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
44636B

Trichromacy



Original Color

476177

Protanomaly

525E75

Deuteranomaly

525E78

Tritanomaly

45626F

Monochromacy



Original Color

476177

Achromatopsia

5C5C5C

Achromatomaly

545E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 476177 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 #476177 looks like.

```
.text, #text, p{  
    color:#476177  
}
```

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 #476177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476177
}
```

Border

The CSS property to change the border of an element to Hex 476177 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
#476177 }
```

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

```
.border{ border-color:#476177 }
```

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

Here you see how a box with a 4 pixel #476177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476177; -webkit-box-shadow:4px 4px  
4px 4px #476177; box-shadow:4px 4px 4px  
4px #476177 }
```

Background

The CSS property to change the background color of an element to Hex 476177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476177 }
```

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

```
.background{ background-color:#476177 }
```

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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