

Converting Colors

Hex(476F65)

Have a look what the booklet for
Hex(476F65) contains.

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Color

Hex(476F65)

Conversions

Conversions Part 1

Format	Color
Hex	476F65
RGB	71, 111, 101
RGB Percent	28%, 44%, 40%
CMY	0.7216, 0.5647, 0.6039
CMYK	0.36, 0.00, 0.09, 0.56
HSL	165°, 22%, 36%
HSV	165°, 36%, 44%
XYZ	10.6319, 13.6481, 14.3859
YIQ	97.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

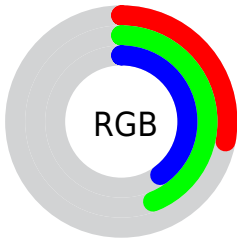
Format	Color
RYB	71, 94, 111
Decimal	4681573
CIELab	43.72, -16.52, 1.11
CIELCh	44, 16.554, 176.163
Yxy	13.6481, 0.2750, 0.3530
Android (android.graphics.Color)	4282871653 (0xFF476F65)
YUV	97.9000, 1.5283, -23.5913
Hunter-Lab	36.9433, -13.2801, 2.7725

Details

The Hex color **476F65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4751**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **79A398**, and **173F36** is the 20% darker color. If you saturate the color by 10%, you get **3C6F62**, and if you desaturate by 10%, it is **526F68**.

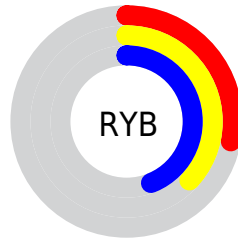
Distribution



Red (28%)

Green (44%)

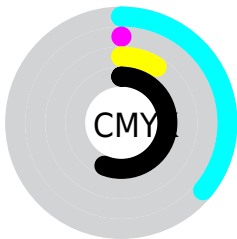
Blue (40%)



Red (28%)

Yellow (37%)

Blue (44%)

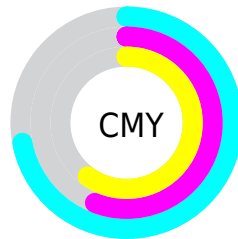


Cyan (36%)

Magenta (0%)

Yellow (9%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476F65 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 476F65 by changing the saturation by 10% instead.



476F65



476F65

FFFFFF



2F564D



79A398



173F36



93BEB3



002921



AEDACE



00160A



CAF6EA



000000



E6FFFF



476F65



476F65



3C6F62



526F68



316F5F



5D6F6B

■ 266F5D

■ 686F6D

■ 1B6F5A

■ 736F70

■ 106F57

■ 7E6F73

■ 046F54

■ 8A6F76

■ 006F53

■ 956F78

■ A06F7B

■ AB6F7E

Harmonies

Analogous

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



556D58



476F65



406F73

Triad

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



476F65



676480



7E6151

Complementary

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



476F65



6F4751

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.



835E5C



476F65



776077

Square

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



476F65



546982



815E6A



73664C

Rectangle

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



476F65



426E7B



815E6A



816054

Sweetspot

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



476F65



81918D



516F47



404A48



C9C9C9



4A4A4A

Same Dimension

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



476F65



539182



47656F



323837



00785A



00F7BA

Inverse Universe

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



6F4751



915362



6F5147



383234



78001E



F7003E

Previews

White Background



This preview shows how the Hex color 476F65 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

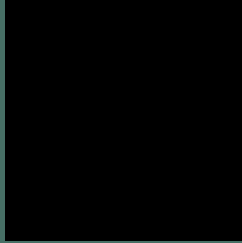
Any Text WCAG AA × Fail

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 476F65 Background



This preview shows how black text looks on a background with the Hex color 476F65.

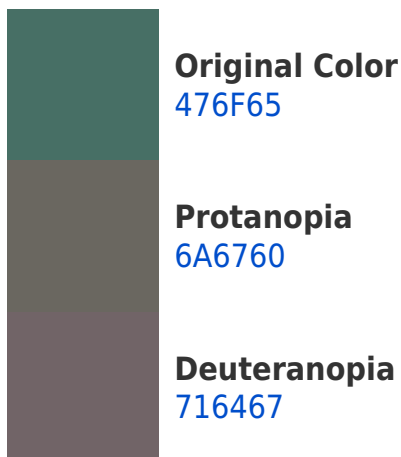



This preview shows how white text looks on a background with the Hex color 476F65.

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](#).

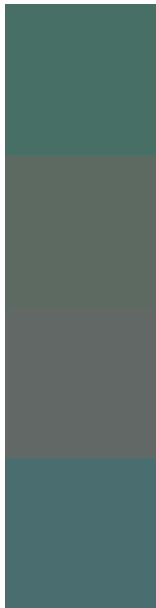
Dichromacy





Tritanopia
4B6D75

Trichromacy



Original Color
476F65

Protanomaly
5D6A62

Deuteranomaly
626866

Tritanomaly
4A6E6F

Monochromacy



Original Color
476F65

Achromatopsia
626262

Achromatomaly
586763

CSS Examples

Text

The CSS property to change the color of the text to Hex 476F65 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 #476F65 looks like.

```
.text, #text, p{  
    color:#476F65  
}
```

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 #476F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476F65
}
```

Border

The CSS property to change the border of an element to Hex 476F65 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
#476F65 }
```

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

```
.border{ border-color:#476F65 }
```

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

Here you see how a box with a 4 pixel #476F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476F65; -webkit-box-shadow:4px 4px  
4px 4px #476F65; box-shadow:4px 4px 4px  
4px #476F65 }
```

Background

The CSS property to change the background color of an element to Hex 476F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476F65 }
```

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

```
.background{ background-color:#476F65 }
```

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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