

Converting Colors

Hex(476561)

Have a look what the booklet for
Hex(476561) contains.

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Color

Hex(476561)

Conversions

Conversions Part 1

Format	Color
Hex	476561
RGB	71, 101, 97
RGB Percent	28%, 40%, 38%
CMY	0.7216, 0.6039, 0.6196
CMYK	0.30, 0.00, 0.04, 0.60
HSL	172°, 17%, 34%
HSV	172°, 30%, 40%
XYZ	9.4099, 11.5100, 13.0350
YIQ	91.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

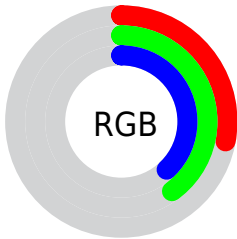
Format	Color
RYB	71, 87, 101
Decimal	4679009
CIELab	40.43, -11.91, -1.28
CIElCh	40, 11.982, 186.148
Yxy	11.5100, 0.2771, 0.3390
Android (android.graphics.Color)	4282869089 (0xFF476561)
YUV	91.5740, 2.6750, -18.0434
Hunter-Lab	33.9264, -9.8622, 0.9685

Details

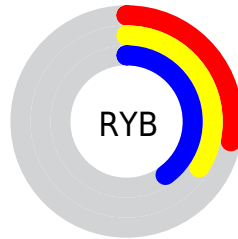
The Hex color **476561** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65474B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **789894**, and **193633** is the 20% darker color. If you saturate the color by 10%, you get **3D6560**, and if you desaturate by 10%, it is **516562**.

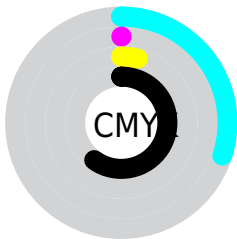
Distribution



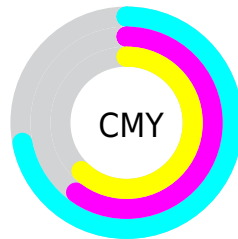
- Red (28%)
- Green (40%)
- Blue (38%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476561 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 476561 by changing the saturation by 10% instead.



476561



476561

FFFFFF



304D49



789894



193633



92B3AE



03211E



ADCEC9



000305



C9EBE6



000000



E5FFFF



476561



476561



3D6560



516562



33655E



5B6564

■ 29655D

■ 656565

■ 1F655C

■ 6F6566

■ 15655A

■ 7A6568

■ 0A6559

■ 846569

■ 006558

■ 8E656A

■ 98656C

■ A2656D

Harmonies

Analogous

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



4F6457



476561



45646A

Triad

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



476561



645C6F



6E5C4E

Complementary

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



476561



65474B

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.



735954



476561



6E5967

Square

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



476561



575F73



73585E



655F4C

Rectangle

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



476561



48636F



73585E



705B4F

Sweetspot

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



476561



768280



4B6547



3B4241



C2C2C2



424242

Same Dimension

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



476561



53827C



475A65



2E3332



007363



00F2D2

Inverse Universe

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



65474B



825359



655247



332E2F



73000F



F20020

Previews

White Background



This preview shows how the Hex color 476561 looks on a white background.

Color Contrast Check

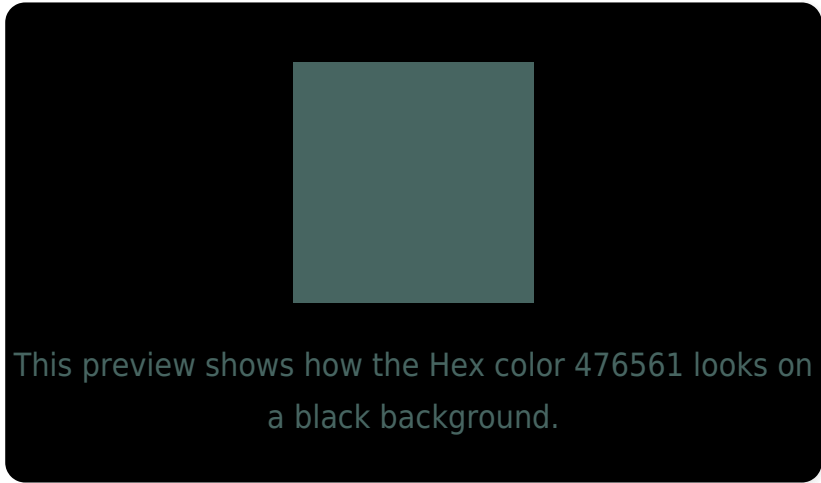
Large Text (above 18pt) WCAG AA ✓ Pass

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

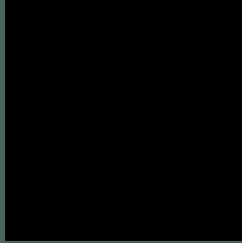
Any Text WCAG AA × Fail

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 476561 Background



This preview shows how black text looks on a background with the Hex color 476561.

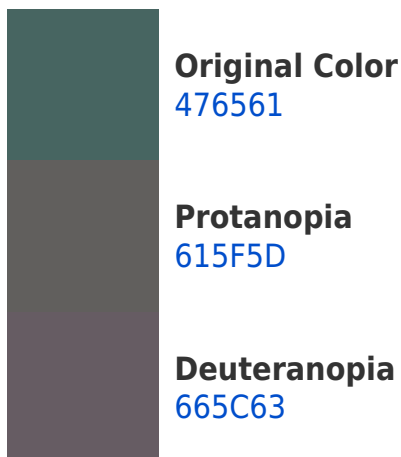


This preview shows how white text looks on a background with the Hex color 476561.

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](#).

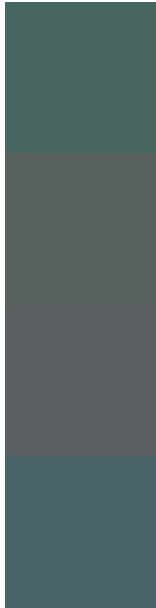
Dichromacy





Tritanopia
49636B

Trichromacy



Original Color
476561

Protanomaly
58615E

Deuteranomaly
5B5F62

Tritanomaly
486467

Monochromacy



Original Color
476561

Achromatopsia
5C5C5C

Achromatomaly
545F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 476561 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 #476561 looks like.

```
.text, #text, p{  
    color:#476561  
}
```

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 #476561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476561
}
```

Border

The CSS property to change the border of an element to Hex 476561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

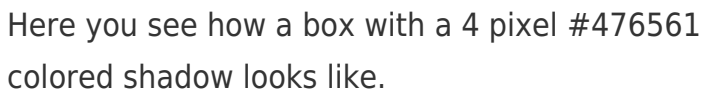
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476561 }
```

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

```
.border{ border-color:#476561 }
```

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



Here you see how a box with a 4 pixel #476561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476561; -webkit-box-shadow:4px 4px  
4px 4px #476561; box-shadow:4px 4px 4px  
4px #476561 }
```

Background

The CSS property to change the background color of an element to Hex 476561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476561 }
```

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

```
.background{ background-color:#476561 }
```

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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