

Converting Colors

Hex(476266)

Have a look what the booklet for
Hex(476266) contains.

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Color

Hex(476266)

Conversions

Conversions Part 1

Format	Color
Hex	476266
RGB	71, 98, 102
RGB Percent	28%, 38%, 40%
CMY	0.7216, 0.6157, 0.6000
CMYK	0.30, 0.04, 0.00, 0.60
HSL	188°, 18%, 34%
HSV	188°, 30%, 40%
XYZ	9.3645, 11.0343, 14.2066
YIQ	90.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

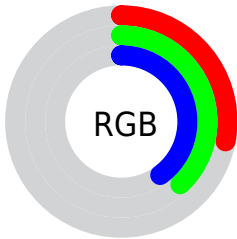
Format	Color
R_{YB}	71, 85, 102
Decimal	4678246
CIE _{Lab}	39.64, -8.89, -5.51
CIE _{LCh}	40, 10.457, 211.807
Yxy	11.0343, 0.2706, 0.3189
Android (android.graphics.Color)	4282868326 (0xFF476266)
YUV	90.3830, 5.7272, -16.9989
Hunter-Lab	33.2179, -7.8101, -2.1047

Details

The Hex color **476266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664B47**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **789599**, and **193437** is the 20% darker color. If you saturate the color by 10%, you get **3D6166**, and if you desaturate by 10%, it is **516366**.

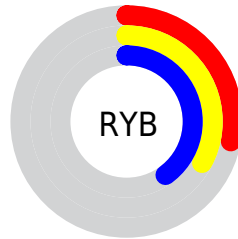
Distribution



Red (28%)

Green (38%)

Blue (40%)



Red (28%)

Yellow (33%)

Blue (40%)

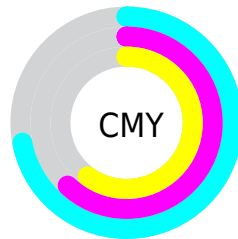


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476266 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 476266 by changing the saturation by 10% instead.

476266

476266

FFFFFF

304A4E

789599

193437

93AFB4

031E22

ADCBCF

00000C

C9E7EB

000000

E5FFFF

476266

476266

3D6166

516366

335F66

5B6566

■ 285E66

■ 666666

■ 1E5D66

■ 706766

■ 145B66

■ 7A6966

■ 0A5A66

■ 846A66

■ 005966

■ 8E6B66

■ 996D66

■ A36E66

Harmonies

Analogous

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



49625E



476266



4B606C

Triad

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



476266



695966



645D4C

Complementary

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



476266



664B47

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.



6B5A4F



476266



6E575D

Square

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



476266



605B6C



6F5855



5A604F

Rectangle

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



476266



515F6E



6F5855



665C4D

Sweetspot

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



476266



798385



47664B



3B4142



C2C2C2



424242

Same Dimension

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



476266



557E85



475366



2E3233



006473



00D3F2

Inverse Universe

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



664762



85557E



665A47



332E32



730064



F200D3

Previews

White Background



This preview shows how the Hex color 476266 looks on a white background.

Color Contrast Check

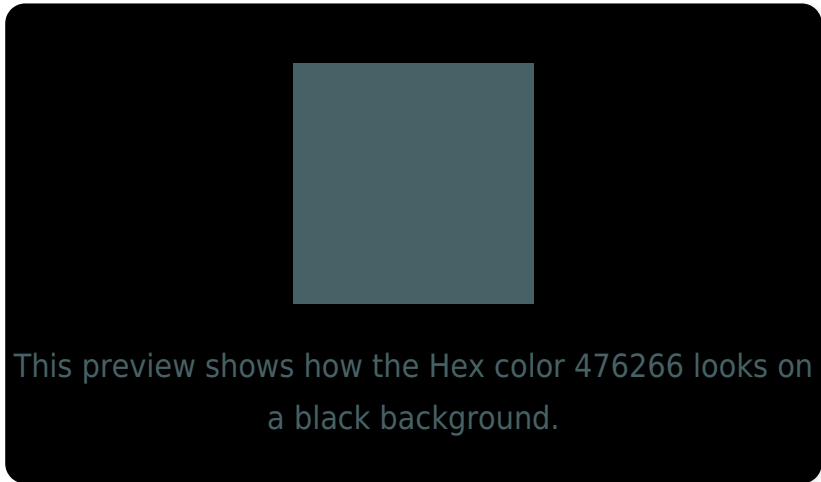
Large Text (above 18pt) WCAG AA ✓ Pass

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

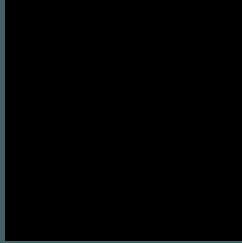
Any Text WCAG AA × Fail

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 476266 Background



This preview shows how black text looks on a background with the Hex color 476266.

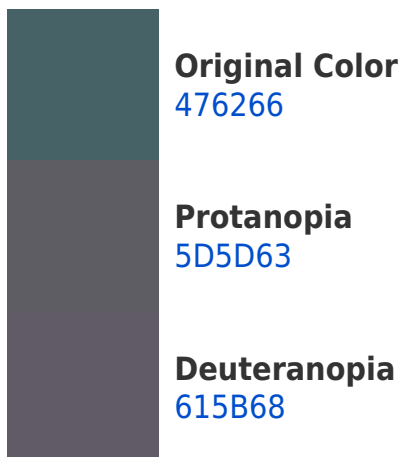


This preview shows how white text looks on a background with the Hex color 476266.

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](#).

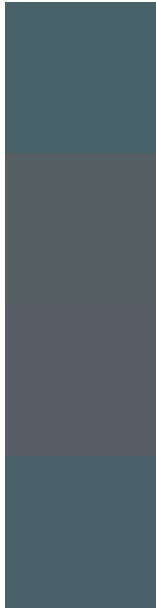
Dichromacy





Tritanopia
486169

Trichromacy



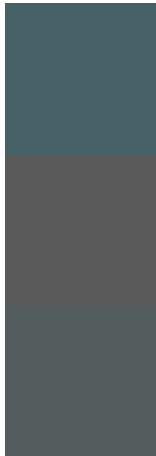
Original Color
476266

Protanomaly
555F64

Deuteranomaly
585E67

Tritanomaly
486168

Monochromacy



Original Color
476266

Achromatopsia
5A5A5A

Achromatomaly
535D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 476266 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 #476266 looks like.

```
.text, #text, p{  
    color:#476266  
}
```

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 #476266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476266
}
```

Border

The CSS property to change the border of an element to Hex 476266 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".

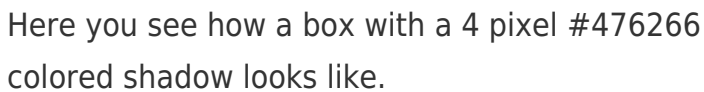
```
.border, #border, table{ border:4px solid
#476266 }
```

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

```
.border{ border-color:#476266 }
```

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

Here you see how a box with a 4 pixel #476266 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476266; -webkit-box-shadow:4px 4px  
4px 4px #476266; box-shadow:4px 4px 4px  
4px #476266 }
```

Background

The CSS property to change the background color of an element to Hex 476266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476266 }
```

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

```
.background{ background-color:#476266 }
```

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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