

Converting Colors

Hex(476871)

Have a look what the booklet for
Hex(476871) contains.

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Color

Hex(476871)

Conversions

Conversions Part 1

Format	Color
Hex	476871
RGB	71, 104, 113
RGB Percent	28%, 41%, 44%
CMY	0.7216, 0.5922, 0.5569
CMYK	0.37, 0.08, 0.00, 0.56
HSL	193°, 23%, 36%
HSV	193°, 37%, 44%
XYZ	10.5295, 12.4325, 17.4675
YIQ	95.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

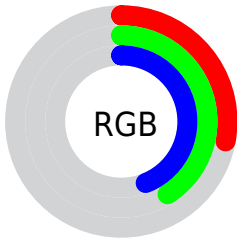
Format	Color
RYB	71, 89, 113
Decimal	4679793
CIELab	41.90, -9.41, -8.85
CIELCh	42, 12.921, 223.248
Yxy	12.4325, 0.2604, 0.3075
Android (android.graphics.Color)	4282869873 (0xFF476871)
YUV	95.1590, 8.7956, -21.1874
Hunter-Lab	35.2597, -8.3997, -4.6902

Details

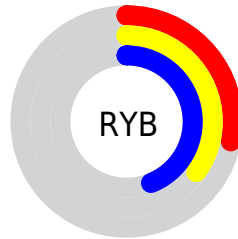
The Hex color **476871** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **715047**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **799BA5**, and **173941** is the 20% darker color. If you saturate the color by 10%, you get **3C6671**, and if you desaturate by 10%, it is **526A71**.

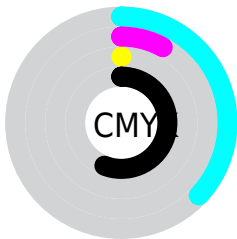
Distribution



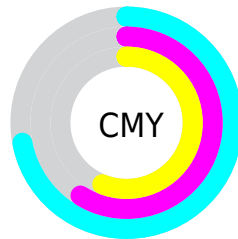
- Red (28%)
- Green (41%)
- Blue (44%)



- Red (28%)
- Yellow (35%)
- Blue (44%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (72%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476871 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 476871 by changing the saturation by 10% instead.

476871

476871

FFFFFF

2F5059

799BA5

173941

93B6C0

00232B

AED2DC

000E17

CAEEF8

000000

E7FFFF

476871

476871

3C6671

526A71

306371

5E6D71

■ 256171

■ 696F71

■ 1A5E71

■ 747271

■ 0F5C71

■ 807471

■ 035971

■ 8B7771

■ 005971

■ 967971

■ A17B71

■ AD7E71

Harmonies

Analogous

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



476967



476871



4F6677

Triad

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



476871



755C69



66644E

Complementary

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



476871



715047

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.



71604F



476871



795B5E

Square

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



476871



6B5F72



775D55



5A6753

Rectangle

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



476871



586378



775D55



6A624E

Sweetspot

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



476871



849094



47714F



40484A



C9C9C9



4A4A4A

Same Dimension

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



476871



518694



475471



323738



005E78



00C2F7

Inverse Universe

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



714768



945186



716447



383237



78005E



F700C2

Previews

White Background



This preview shows how the Hex color 476871 looks on a white background.

Color Contrast Check

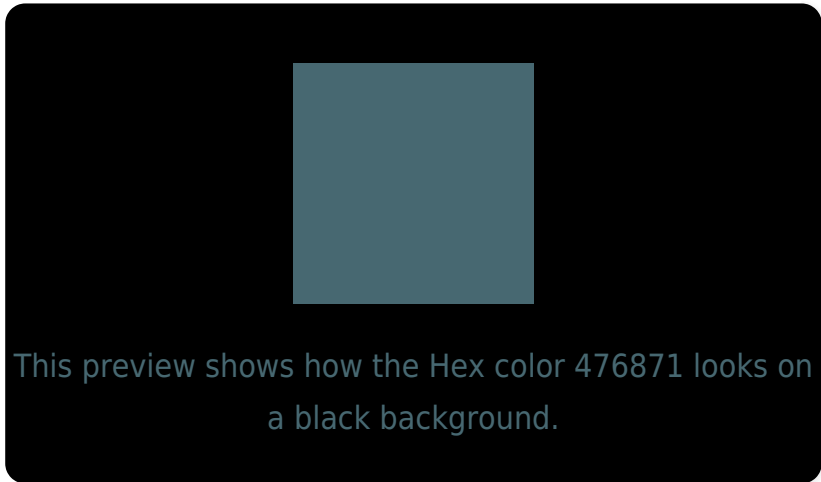
Large Text (above 18pt) WCAG AA ✓ Pass

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

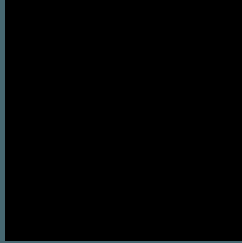
Any Text WCAG AA × Fail

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 476871 Background



This preview shows how black text looks on a background with the Hex color 476871.

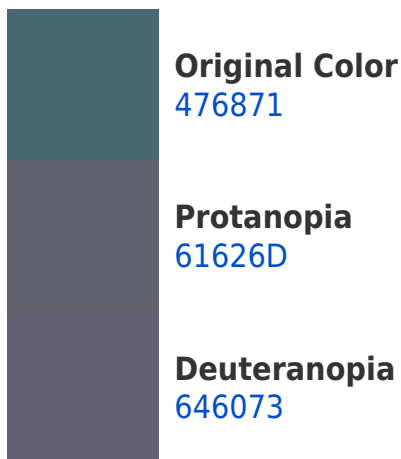


This preview shows how white text looks on a background with the Hex color 476871.

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](#).

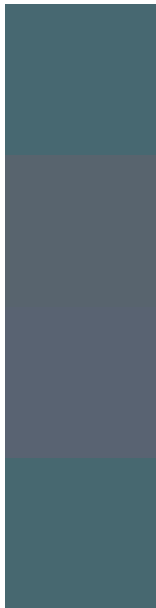
Dichromacy





Tritanopia
476870

Trichromacy



Original Color
476871

Protanomaly
58646E

Deuteranomaly
596372

Tritanomaly
476870

Monochromacy



Original Color
476871

Achromatopsia
5F5F5F

Achromatomaly
566266

CSS Examples

Text

The CSS property to change the color of the text to Hex 476871 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 #476871 looks like.

```
.text, #text, p{  
    color:#476871  
}
```

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 #476871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476871
}
```

Border

The CSS property to change the border of an element to Hex 476871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

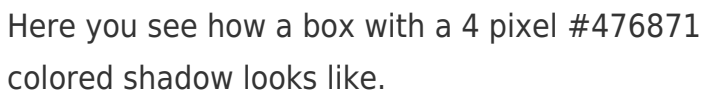
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476871 }
```

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

```
.border{ border-color:#476871 }
```

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



Here you see how a box with a 4 pixel #476871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476871; -webkit-box-shadow:4px 4px  
4px 4px #476871; box-shadow:4px 4px 4px  
4px #476871 }
```

Background

The CSS property to change the background color of an element to Hex 476871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476871 }
```

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

```
.background{ background-color:#476871 }
```

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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