

Converting Colors

Hex(476791)

Have a look what the booklet for
Hex(476791) contains.

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Color

Hex(476791)

Conversions

Conversions Part 1

Format	Color
Hex	476791
RGB	71, 103, 145
RGB Percent	28%, 40%, 57%
CMY	0.7216, 0.5961, 0.4314
CMYK	0.51, 0.29, 0.00, 0.43
HSL	214°, 34%, 42%
HSV	214°, 51%, 57%
XYZ	12.5596, 13.0844, 28.6516
YIQ	98.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

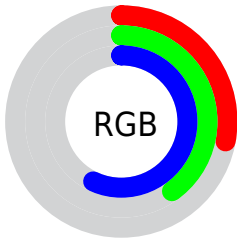
Format	Color
R_{YB}	71, 93, 145
Decimal	4679569
CIE _{Lab}	42.89, 0.84, -26.63
CIE _{LCh}	43, 26.640, 271.798
Yxy	13.0844, 0.2313, 0.2410
Android (android.graphics.Color)	4282869649 (0xFF476791)
YUV	98.2200, 23.0625, -23.8719
Hunter-Lab	36.1724, -1.3237, -21.6421

Details

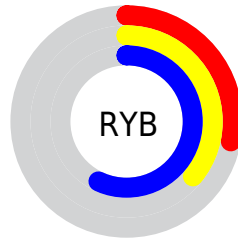
The Hex color **476791** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917147**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7C9AC7**, and **0D385E** is the 20% darker color. If you saturate the color by 10%, you get **395F91**, and if you desaturate by 10%, it is **566F91**.

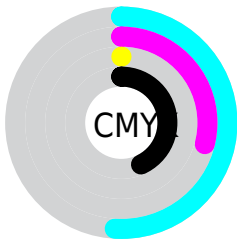
Distribution



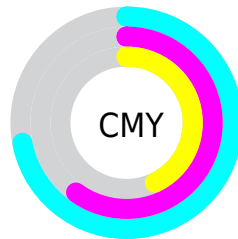
- Red (28%)
- Green (40%)
- Blue (57%)



- Red (28%)
- Yellow (36%)
- Blue (57%)



- Cyan (51%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476791 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 476791 by changing the saturation by 10% instead.

■ 476791

■ 476791

FFFFFF

■ 2C4F77

■ 7C9AC7

■ 0D385E

■ 97B5E3

■ 002346

■ B2D0FF

■ 000D30

■ CFECFF

■ 00011A

■ EBFFFF

■ 000000

■ 476791

■ 476791

■ 395F91

■ 566F91

■ 2A5791

■ 647791

■ 1C4E91

■ 738091

■ 0D4691

■ 818891

■ 003F91

■ 909091

■ 9E9891

■ ADA191

■ BBA991

■ CAB191

Harmonies

Analogous

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



1D6D8C



476791



695F8B

Triad

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



476791



8F564F



416F50

Complementary

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



476791



917147

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.



5B6B3F



476791



845D3F

Square

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



476791



8F5465



726439



217166

Rectangle

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



476791



7B5A81



726439



4A6E49

Sweetspot

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



476791



A0ADB8



479171



4D555E



DEDEDE



5E5E5E

Same Dimension

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



476791



4A7BBD



4C4791



404347



003A87



000308

Inverse Universe

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



914767



BD4A7B



8C9147



474043



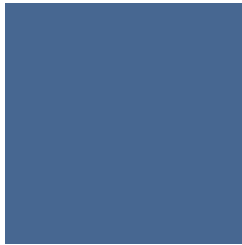
87003A



080003

Previews

White Background



This preview shows how the Hex color 476791 looks on a white background.

Color Contrast Check

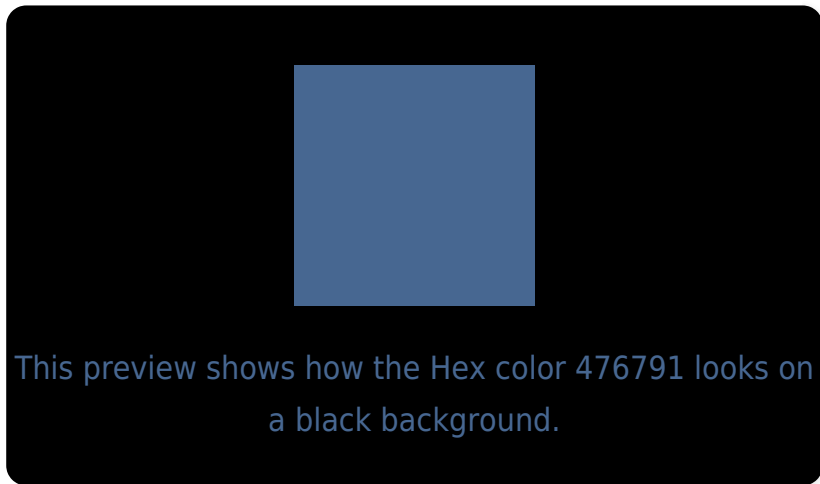
Large Text (above 18pt) WCAG AA ✓ Pass

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 476791 Background



This preview shows how black text looks on a background with the Hex color 476791.



This preview shows how white text looks on a background with the Hex color 476791.

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](#).

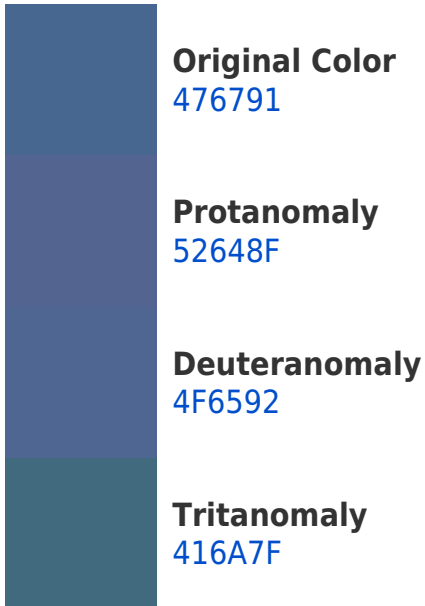
Dichromacy





Tritanopia
3E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 476791 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 #476791 looks like.

```
.text, #text, p{  
    color:#476791  
}
```

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 #476791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476791
}
```

Border

The CSS property to change the border of an element to Hex 476791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

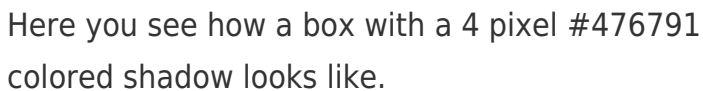
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476791 }
```

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

```
.border{ border-color:#476791 }
```

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



Here you see how a box with a 4 pixel #476791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476791; -webkit-box-shadow:4px 4px  
4px 4px #476791; box-shadow:4px 4px 4px  
4px #476791 }
```

Background

The CSS property to change the background color of an element to Hex 476791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476791 }
```

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

```
.background{ background-color:#476791 }
```

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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