

Converting Colors

Hex(476E9F)

Have a look what the booklet for
Hex(476E9F) contains.

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Color

Hex(476E9F)

Conversions

Conversions Part 1

Format	Color
Hex	476E9F
RGB	71, 110, 159
RGB Percent	28%, 43%, 62%
CMY	0.7216, 0.5686, 0.3765
CMYK	0.55, 0.31, 0.00, 0.38
HSL	213°, 38%, 45%
HSV	213°, 55%, 62%
XYZ	14.4325, 14.9947, 34.9345
YIQ	103.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

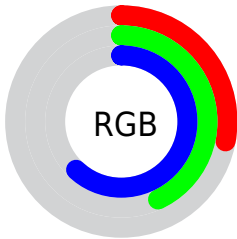
Format	Color
R_{YB}	71, 98, 159
Decimal	4681375
CIE Lab	45.63, 1.12, -30.67
CIE LCh	46, 30.685, 272.086
Yxy	14.9947, 0.2242, 0.2330
Android (android.graphics.Color)	4282871455 (0xFF476E9F)
YUV	103.9250, 27.1520, -28.8752
Hunter-Lab	38.7229, -1.2362, -26.3833

Details

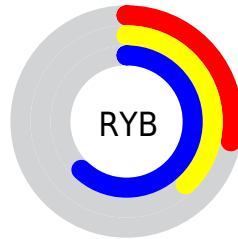
The Hex color **476E9F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F7847**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7DA1D6**, and **033F6B** is the 20% darker color. If you saturate the color by 10%, you get **37659F**, and if you desaturate by 10%, it is **57779F**.

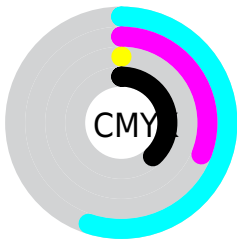
Distribution



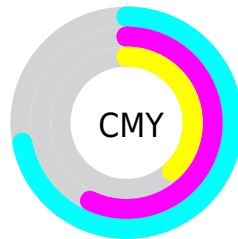
- Red (28%)
- Green (43%)
- Blue (62%)



- Red (28%)
- Yellow (38%)
- Blue (62%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (72%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476E9F 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 476E9F by changing the saturation by 10% instead.

476E9F

476E9F

FFFFFF

2B5685

7DA1D6

033F6B

99BCF2

002953

B5D8FF

00153B

D1F4FF

000225

EEFFFF

00010E

000000

476E9F

476E9F

37659F

57779F

■ 275C9F

■ 67809F

■ 17539F

■ 77899F

■ 074B9F

■ 87919F

■ 00469F

■ 979A9F

■ A6A39F

■ B6AC9F

■ C6B59F

■ D6BE9F

Harmonies

Analogous

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



007599



476E9F



716597

Triad

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



476E9F



9C5A52



407753

Complementary

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



476E9F



9F7847

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.



60733F



476E9F



8F623F

Square

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



476E9F



9C576B



7A6B38



10796D

Rectangle

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



476E9F



865E8C



7A6B38



4B764C

Sweetspot

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



476E9F



ABBBCF



479F77



545D69



E8E8E8



696969

Same Dimension

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



476E9F



4683CF



4B479F



474B4F



003F8F



00070F

Inverse Universe

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



9F476E



CF4683



9B9F47



4F474B



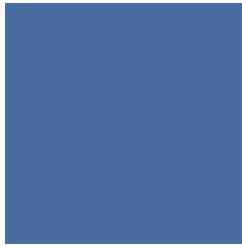
8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 476E9F 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



This preview shows how the Hex color 476E9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

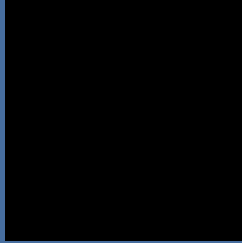
Any Text WCAG AA × Fail

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 476E9F Background



This preview shows how black text looks on a background with the Hex color 476E9F.

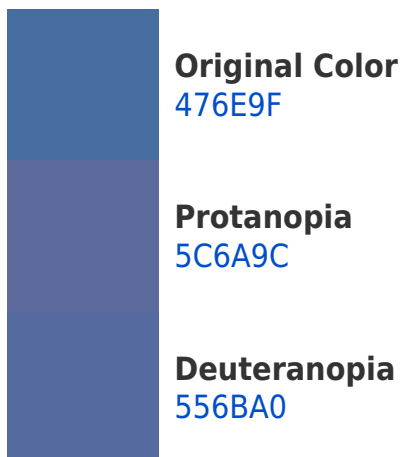


This preview shows how white text looks on a background with the Hex color 476E9F.

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](#).

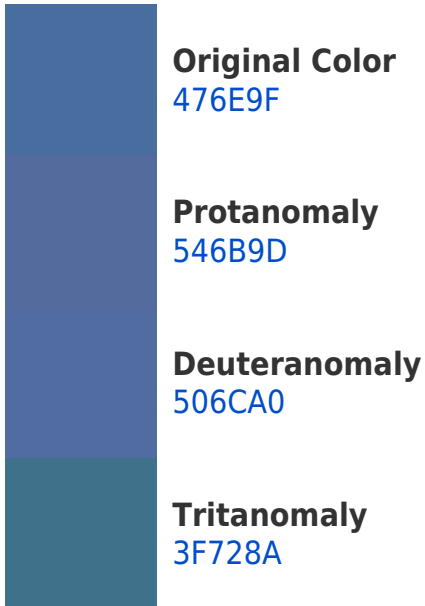
Dichromacy





Tritanopia
3A747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 476E9F 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 #476E9F looks like.

```
.text, #text, p{  
    color:#476E9F  
}
```

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 #476E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476E9F
}
```

Border

The CSS property to change the border of an element to Hex 476E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

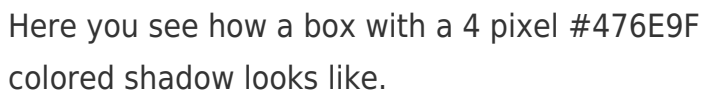
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476E9F }
```

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

```
.border{ border-color:#476E9F }
```

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



Here you see how a box with a 4 pixel #476E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476E9F; -webkit-box-shadow:4px 4px  
4px 4px #476E9F; box-shadow:4px 4px 4px  
4px #476E9F }
```

Background

The CSS property to change the background color of an element to Hex 476E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476E9F }
```

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

```
.background{ background-color:#476E9F }
```

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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