

Converting Colors

Hex(466F7B)

Have a look what the booklet for
Hex(466F7B) contains.

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Color

Hex(466F7B)

Conversions

Conversions Part 1

Format	Color
Hex	466F7B
RGB	70, 111, 123
RGB Percent	27%, 44%, 48%
CMY	0.7255, 0.5647, 0.5176
CMYK	0.43, 0.10, 0.00, 0.52
HSL	194°, 27%, 38%
HSV	194°, 43%, 48%
XYZ	11.7854, 14.1010, 20.8395
YIQ	100.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

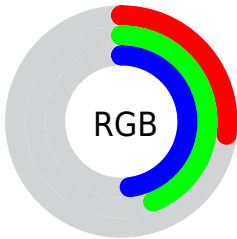
Format	Color
RYB	70, 93, 123
Decimal	4616059
CIELab	44.38, -10.92, -11.16
CIELCh	44, 15.613, 225.623
Yxy	14.1010, 0.2522, 0.3018
Android (android.graphics.Color)	4282806139 (0xFF466F7B)
YUV	100.1090, 11.2853, -26.4056
Hunter-Lab	37.5513, -9.6931, -6.6177

Details

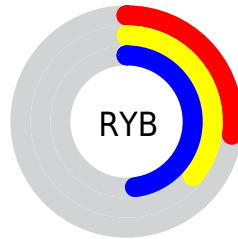
The Hex color **466F7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B5246**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **79A3AF**, and **133F4A** is the 20% darker color. If you saturate the color by 10%, you get **3A6C7B**, and if you desaturate by 10%, it is **52727B**.

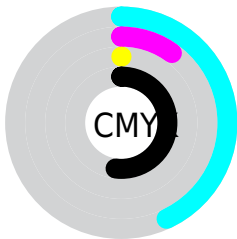
Distribution



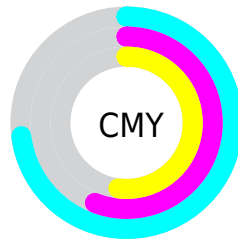
- Red (27%)
- Green (44%)
- Blue (48%)



- Red (27%)
- Yellow (36%)
- Blue (48%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466F7B 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 466F7B by changing the saturation by 10% instead.

■ 466F7B

■ 466F7B

FFFFFF

■ 2D5762

■ 79A3AF

■ 133F4A

■ 94BECB

■ 002934

■ AFDAE7

■ 00161F

■ CBF6FF

■ 000004

■ E7FFFF

■ 000000

■ 466F7B

■ 466F7B

■ 3A6C7B

■ 52727B

■ 2D697B

■ 5F757B

■ 21677B

■ 6B777B

■ 15647B

■ 777A7B

■ 08617B

■ 847D7B

■ 005F7B

■ 90807B

■ 9C827B

■ A8857B

■ B5887B

Harmonies

Analogous

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



45706F



466F7B



526C82

Triad

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



466F7B



7F6070



6C6A50

Complementary

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



466F7B



7B5246

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.



786650



466F7B



846063

Square

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



466F7B



73637B



816257



5D6E56

Rectangle

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



466F7B



5D6983



816257



70694F

Sweetspot

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



466F7B



8C9CA1



467B51



454F52



D1D1D1



525252

Same Dimension

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



466F7B



4D8EA1



46557B



373C3D



00617D



00C3FC

Inverse Universe

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



7B466F



A14D8E



7B6C46



3D373C



7D0061



FC00C3

Previews

White Background



This preview shows how the Hex color 466F7B looks on a white background.

Color Contrast Check

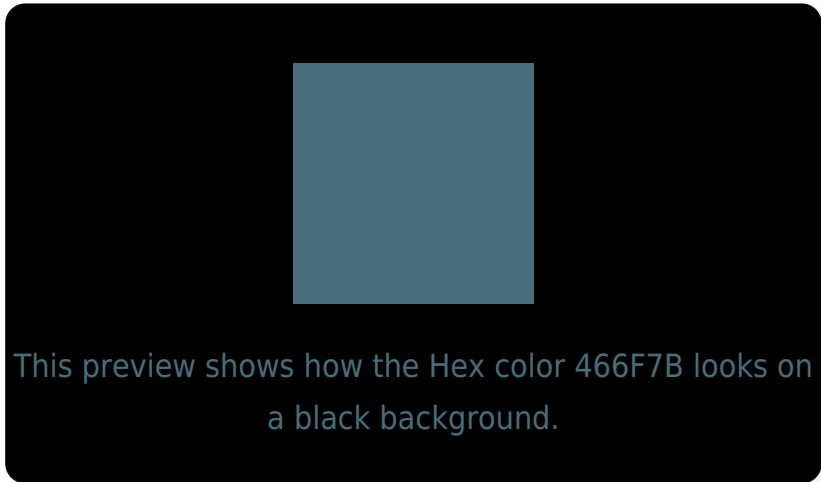
Large Text (above 18pt) WCAG AA ✓ Pass

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

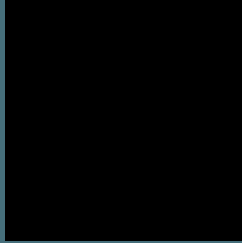
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

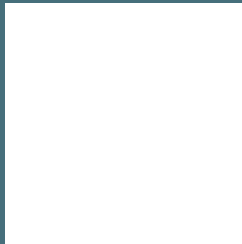
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 466F7B Background



This preview shows how black text looks on a background with the Hex color 466F7B.

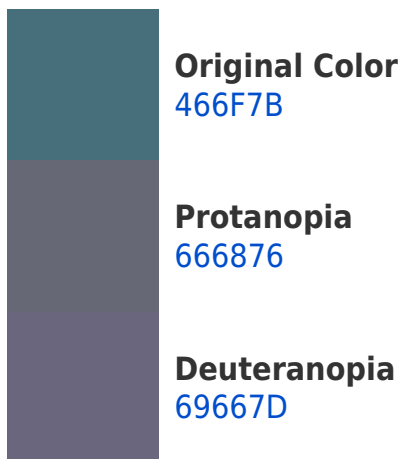


This preview shows how white text looks on a background with the Hex color 466F7B.

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](#).

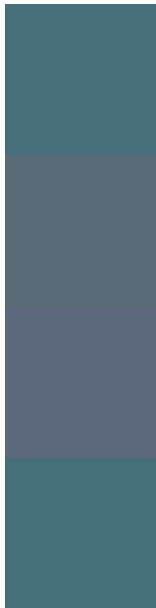
Dichromacy





Tritanopia
456F78

Trichromacy



Original Color
466F7B

Protanomaly
5A6B78

Deuteranomaly
5C697C

Tritanomaly
456F79

Monochromacy



Original Color
466F7B

Achromatopsia
646464

Achromatomaly
59686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 466F7B 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 #466F7B looks like.

```
.text, #text, p{  
    color:#466F7B  
}
```

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 #466F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466F7B  
}
```

Border

The CSS property to change the border of an element to Hex 466F7B 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  
#466F7B }
```

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

```
.border{ border-color:#466F7B }
```

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

Here you see how a box with a 4 pixel #466F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466F7B; -webkit-box-shadow:4px 4px  
4px 4px #466F7B; box-shadow:4px 4px 4px  
4px #466F7B }
```

Background

The CSS property to change the background color of an element to Hex 466F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466F7B }
```

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

```
.background{ background-color:#466F7B }
```

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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