

# Converting Colors

Hex(466C8D)

Have a look what the booklet for  
Hex(466C8D) contains.

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# Color

**Hex(466C8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466C8D
RGB	70, 108, 141
RGB Percent	27%, 42%, 55%
CMY	0.7255, 0.5765, 0.4471
CMYK	0.50, 0.23, 0.00, 0.45
HSL	208°, 34%, 41%
HSV	208°, 50%, 55%
XYZ	12.6961, 13.9503, 27.2228
YIQ	100.4000, -33.2410, 2.2070

# Conversions

## Conversions Part 2

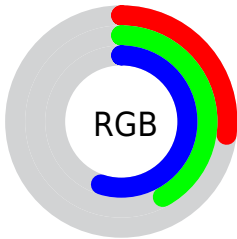
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 95, 141
Decimal	4615309
CIELab	44.16, -3.73, -22.27
CIELCh	44, 22.578, 260.503
Yxy	13.9503, 0.2357, 0.2590
Android (android.graphics.Color)	4282805389 (0xFF466C8D)
YUV	100.4000, 20.0158, -26.6608
Hunter-Lab	37.3501, -4.6869, -17.0688

# Details

The Hex color **466C8D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6746**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7A9FC3**, and **0D3D5B** is the 20% darker color. If you saturate the color by 10%, you get **38658D**, and if you desaturate by 10%, it is **54738D**.

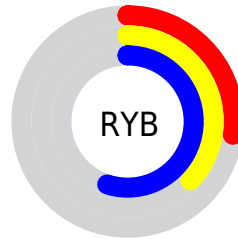
# Distribution



Red (27%)

Green (42%)

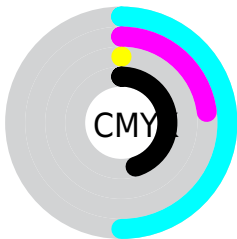
Blue (55%)



Red (27%)

Yellow (37%)

Blue (55%)

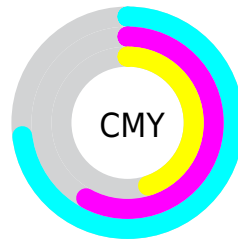


Cyan (50%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466C8D 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 466C8D by changing the saturation by 10% instead.



466C8D

466C8D

FFFFFF

2C5473

7A9FC3

0D3D5B

95BADF

002743

B1D6FB

00132D

CDF2FF

000118

EAFFFF

000000

466C8D

466C8D

38658D

54738D

2A5F8D

62798D

■ 1C588D

■ 70808D

■ 0E528D

■ 7E868D

■ 004B8D

■ 8D8D8D

■ 9B938D

■ A99A8D

■ B7A08D

■ C5A78D

# Harmonies

## Analogous

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



2E7085



466C8D



63668B

# Triad

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



466C8D



8E5B5C



537050

# Complementary

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



466C8D



8D6746

# 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.



686B45



466C8D



885F4C

# Square

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



466C8D



895B6F



7B6544



3C7262

# Rectangle

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



466C8D



736185



7B6544



5A6F4B



# Sweetspot

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



466C8D



9CABB8



468D66



4B545C



DBDBDB



5C5C5C



# Same Dimension

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



466C8D



4984B8



464A8D



404447



004887



000408



# Inverse Universe

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



8D466C



B84984



8D8946



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 466C8D looks on a white background.

## Color Contrast Check

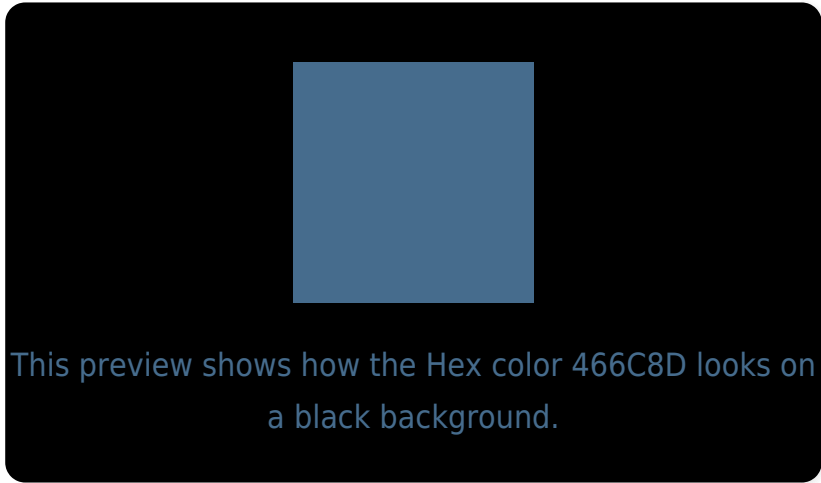
Large Text (above 18pt) WCAG AA ✓ Pass

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

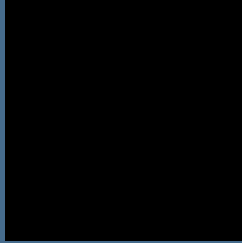
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

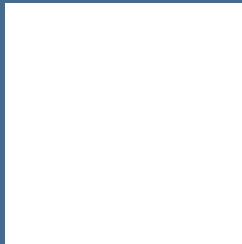
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 466C8D Background



This preview shows how black text looks on a background with the Hex color 466C8D.



This preview shows how white text looks on a background with the Hex color 466C8D.

# 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**  
3F7079

# Trichromacy



**Original Color**  
466C8D

**Protanomaly**  
56698A

**Deuteranomaly**  
54698E

**Tritanomaly**  
426F80

# Monochromacy



**Original Color**  
466C8D

**Achromatopsia**  
646464

**Achromatomaly**  
596773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466C8D 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 #466C8D looks like.

```
.text, #text, p{  
    color:#466C8D  
}
```

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 #466C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466C8D
}
```

## Border

The CSS property to change the border of an element to Hex 466C8D 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
#466C8D }
```

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

```
.border{ border-color:#466C8D }
```

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

Here you see how a box with a 4 pixel #466C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466C8D; -webkit-box-shadow:4px 4px  
4px 4px #466C8D; box-shadow:4px 4px 4px  
4px #466C8D }
```

# Background

The CSS property to change the background color of an element to Hex 466C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466C8D }
```

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

```
.background{ background-color:#466C8D }
```

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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