

# Converting Colors

Hex(466786)

Have a look what the booklet for  
Hex(466786) contains.

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# Color

**Hex(466786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466786
RGB	70, 103, 134
RGB Percent	27%, 40%, 53%
CMY	0.7255, 0.5961, 0.4745
CMYK	0.48, 0.23, 0.00, 0.47
HSL	209°, 31%, 40%
HSV	209°, 48%, 53%
XYZ	11.6791, 12.7238, 24.3946
YIQ	96.6670, -29.6190, 2.6450

# Conversions

## Conversions Part 2

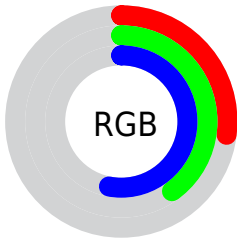
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 92, 134
Decimal	4614022
CIELab	42.34, -2.91, -20.88
CIELCh	42, 21.080, 262.075
Yxy	12.7238, 0.2393, 0.2607
Android (android.graphics.Color)	4282804102 (0xFF466786)
YUV	96.6670, 18.4052, -23.3870
Hunter-Lab	35.6705, -3.9794, -15.5785

# Details

The Hex color **466786** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866546**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7A9ABB**, and **103854** is the 20% darker color. If you saturate the color by 10%, you get **396186**, and if you desaturate by 10%, it is **536D86**.

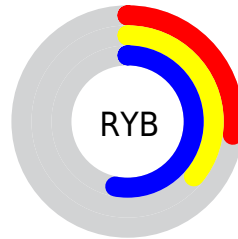
# Distribution



Red (27%)

Green (40%)

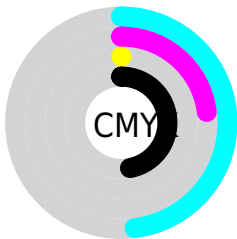
Blue (53%)



Red (27%)

Yellow (36%)

Blue (53%)

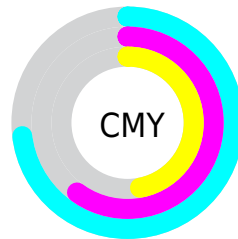


Cyan (48%)

Magenta (23%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (60%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466786 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 466786 by changing the saturation by 10% instead.



466786

466786

FFFFFF

2C4F6D

7A9ABB

103854

94B5D7

00233D

B0D0F4

000D27

CCECFF

000111

E8FFFF

000000

466786

466786

396186

536D86

2B5A86

617486

■ 1E5486

■ 6E7A86

■ 104D86

■ 7C8186

■ 034786

■ 898786

■ 004586

■ 968E86

■ A49486

■ B19B86

■ BFA186

# Harmonies

## Analogous

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



306B7F



466786



606184

# Triad

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



466786



875858



4F6B4E

# Complementary

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



466786



866546

# 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.



636743



466786



815B49

# Square

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



466786



835769



746142



3B6D5F

# Rectangle

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



466786



6F5D7E



746142



566A4A



# Sweetspot

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



466786



95A2AD



468665



485057



D6D6D6



575757



# Same Dimension

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



466786



4B7EAD



464786



3C3F42



004382



000103



# Inverse Universe

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



864667



AD4B7E



868546



423C3F



820043



030001



# Previews

## White Background



This preview shows how the Hex color 466786 looks on a white background.

## Color Contrast Check

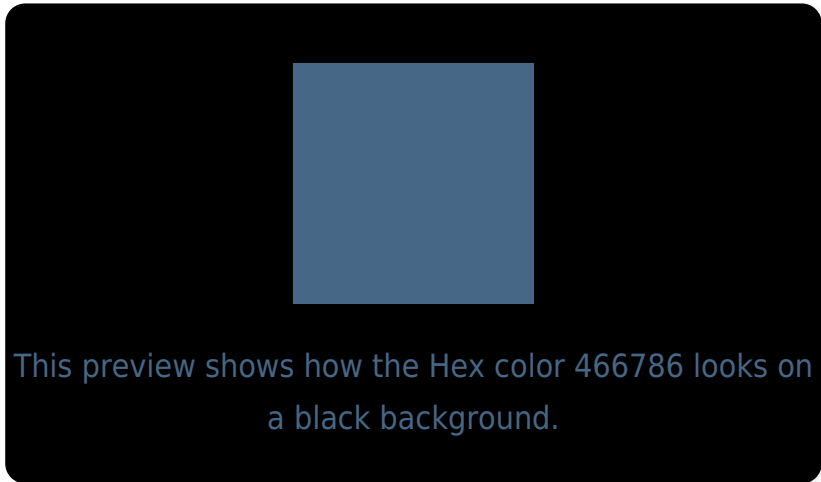
Large Text (above 18pt) WCAG AA ✓ Pass

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

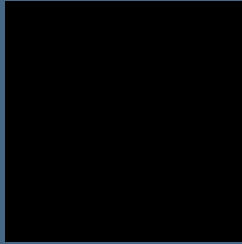
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

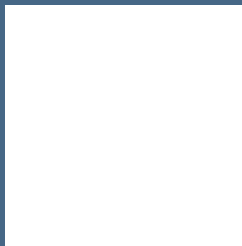
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 466786 Background



This preview shows how black text looks on a background with the Hex color 466786.

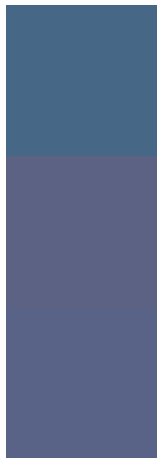


This preview shows how white text looks on a background with the Hex color 466786.

# 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



**Original Color**  
466786

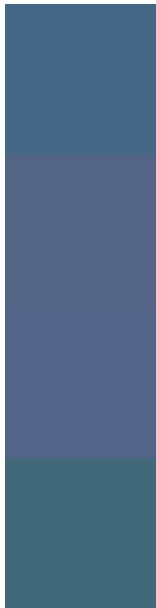
**Protanopia**  
5B6283

**Deuteranopia**  
596287



**Tritanopia**  
406A73

# Trichromacy



**Original Color**  
466786

**Protanomaly**  
536484

**Deuteranomaly**  
526487

**Tritanomaly**  
42697A

# Monochromacy



**Original Color**  
466786

**Achromatopsia**  
616161

**Achromatomaly**  
57636E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466786 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 #466786 looks like.

```
.text, #text, p{  
    color:#466786  
}
```

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 #466786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466786
}
```

## Border

The CSS property to change the border of an element to Hex 466786 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
#466786 }
```

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

```
.border{ border-color:#466786 }
```

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

Here you see how a box with a 4 pixel #466786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466786; -webkit-box-shadow:4px 4px  
4px 4px #466786; box-shadow:4px 4px 4px  
4px #466786 }
```

# Background

The CSS property to change the background color of an element to Hex 466786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466786 }
```

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

```
.background{ background-color:#466786 }
```

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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