

# Converting Colors

Hex(466B68)

Have a look what the booklet for  
Hex(466B68) contains.

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# Color

**Hex(466B68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	466B68
RGB	70, 107, 104
RGB Percent	27%, 42%, 41%
CMY	0.7255, 0.5804, 0.5922
CMYK	0.35, 0.00, 0.03, 0.58
HSL	175°, 21%, 35%
HSV	175°, 35%, 42%
XYZ	10.2822, 12.8170, 15.0287
YIQ	95.5950, -21.0890, -8.7770

# Conversions

## Conversions Part 2

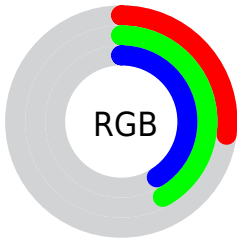
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 89, 107
Decimal	4615016
CIELab	42.49, -13.85, -2.52
CIElCh	42, 14.081, 190.315
Yxy	12.8170, 0.2697, 0.3362
Android (android.graphics.Color)	4282805096 (0xFF466B68)
YUV	95.5950, 4.1437, -22.4468
Hunter-Lab	35.8008, -11.3852, 0.1714

# Details

The Hex color **466B68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4649**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **789E9B**, and **163C39** is the 20% darker color. If you saturate the color by 10%, you get **3B6B67**, and if you desaturate by 10%, it is **516B69**.

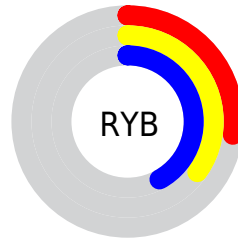
# Distribution



Red (27%)

Green (42%)

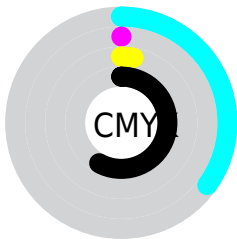
Blue (41%)



Red (27%)

Yellow (35%)

Blue (42%)

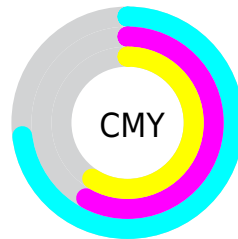


Cyan (35%)

Magenta (0%)

Yellow (3%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466B68 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 466B68 by changing the saturation by 10% instead.



 466B68

 466B68

FFFFFF

 2E5350

 789E9B

 163C39

 92B9B6

 002624

 ADD5D1

 00100E

 C9F2EE

 000000


 E5FFFF

 466B68

 466B68

 3B6B67

 516B69

 316B66

 5B6B6A

266B65

666B6B

1B6B65

716B6B

116B64

7C6B6C

066B63

866B6D

006B62

916B6E

9C6B6F

A66B70

# Harmonies

## Analogous

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



4F6A5C



466B68



456A73

# Triad

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



466B68



6B6076



74614F

# Complementary

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



466B68



6B4649

# 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.



7B5E56



466B68



775D6C

# Square

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



466B68



5C647B



7C5C61



69654D

# Rectangle

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



466B68



4A6978



7C5C61



776051



# Sweetspot

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



466B68



7E8C8B



496B46



3F4747



C7C7C7



474747



# Same Dimension

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



466B68



538C88



465C6B



303635



00756C



00F5E1



# Inverse Universe

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



6B4649



8C5357



6B5546



363031



75000A



F50014



# Previews

## White Background



This preview shows how the Hex color 466B68 looks on a white background.

## Color Contrast Check

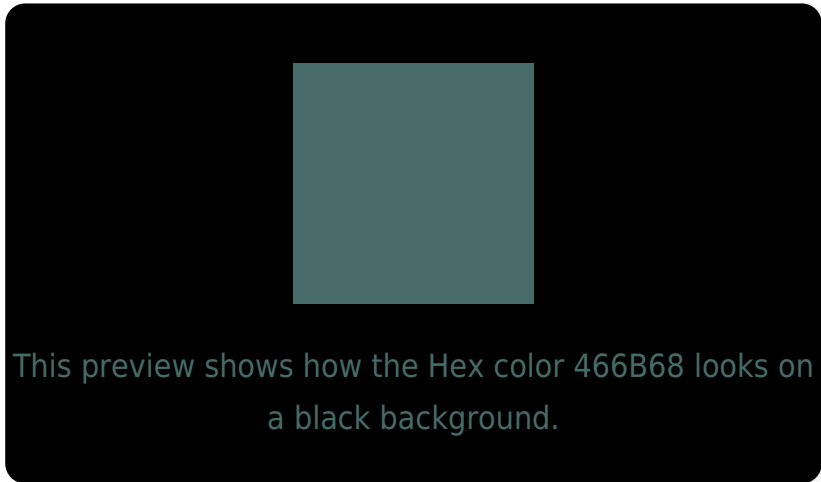
Large Text (above 18pt) WCAG AA ✓ Pass

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

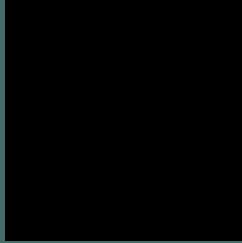
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466B68 Background



This preview shows how black text looks on a background with the Hex color 466B68.

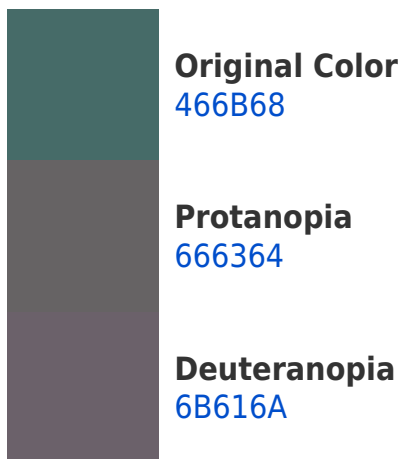



This preview shows how white text looks on a background with the Hex color 466B68.

# 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](#).

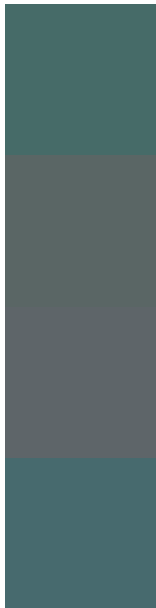
## Dichromacy





**Tritanopia**  
486972

# Trichromacy



**Original Color**  
466B68

**Protanomaly**  
5A6665

**Deuteranomaly**  
5E6569

**Tritanomaly**  
476A6E

# Monochromacy



**Original Color**  
466B68

**Achromatopsia**  
606060

**Achromatomaly**  
576463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466B68 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 #466B68 looks like.

```
.text, #text, p{  
    color:#466B68  
}
```

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 #466B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466B68
}
```

## Border

The CSS property to change the border of an element to Hex 466B68 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
#466B68 }
```

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

```
.border{ border-color:#466B68 }
```

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

Here you see how a box with a 4 pixel #466B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466B68; -webkit-box-shadow:4px 4px  
4px 4px #466B68; box-shadow:4px 4px 4px  
4px #466B68 }
```

# Background

The CSS property to change the background color of an element to Hex 466B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466B68 }
```

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

```
.background{ background-color:#466B68 }
```

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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