

# Converting Colors

Hex(466358)

Have a look what the booklet for  
Hex(466358) contains.

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# Color

**Hex(466358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466358
RGB	70, 99, 88
RGB Percent	27%, 39%, 35%
CMY	0.7255, 0.6118, 0.6549
CMYK	0.29, 0.00, 0.11, 0.61
HSL	157°, 17%, 33%
HSV	157°, 29%, 39%
XYZ	8.7491, 10.9304, 10.8812
YIQ	89.0750, -13.7530, -9.5690

# Conversions

## Conversions Part 2

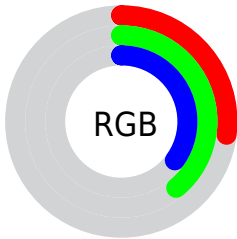
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 88, 99
Decimal	4612952
CIE <sub>Lab</sub>	39.46, -13.31, 2.81
CIE <sub>LCh</sub>	39, 13.600, 168.057
Yxy	10.9304, 0.2863, 0.3577
Android (android.graphics.Color)	4282803032 (0xFF466358)
YUV	89.0750, -0.5300, -16.7288
Hunter-Lab	33.0611, -10.6198, 3.6291

# Details

The Hex color **466358** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634651**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **77968A**, and **19342B** is the 20% darker color. If you saturate the color by 10%, you get **3C6354**, and if you desaturate by 10%, it is **50635C**.

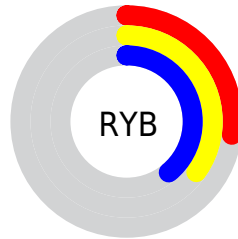
# Distribution



Red (27%)

Green (39%)

Blue (35%)



Red (27%)

Yellow (35%)

Blue (39%)

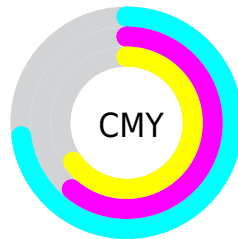


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466358 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 466358 by changing the saturation by 10% instead.



466358

466358

FFFFFF

2F4B41

77968A

19342B

91B1A4

031F16

ACCCBF

000000

C7E8DB

E3FFF8

466358

466358

3C6354

50635C

326350

5A6360

■ 28634D

■ 646363

■ 1E6349

■ 6E6367

■ 156345

■ 78636B

■ 0B6341

■ 81636F

■ 01633E

■ 8B6372

■ 00633D

■ 956376

■ 9F637A

# Harmonies

## Analogous

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



52614E



466358



3F6363

# Triad

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



466358



595C72



71574D

# Complementary

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



466358



634651

# 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.



745557



466358



67586C

# Square

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



466358



4A5F72



705662



6A5B48

# Rectangle

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



466358



3F636A



705662



735650



# Sweetspot

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



466358



74807B



516346



39403D



BFBFBF



404040



# Same Dimension

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



466358



53806F



466063



2C302F



007046



00F095



# Inverse Universe

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



634651



805364



634946



302C2D



70002B



F0005B



# Previews

## White Background



This preview shows how the Hex color 466358 looks on a white background.

## Color Contrast Check

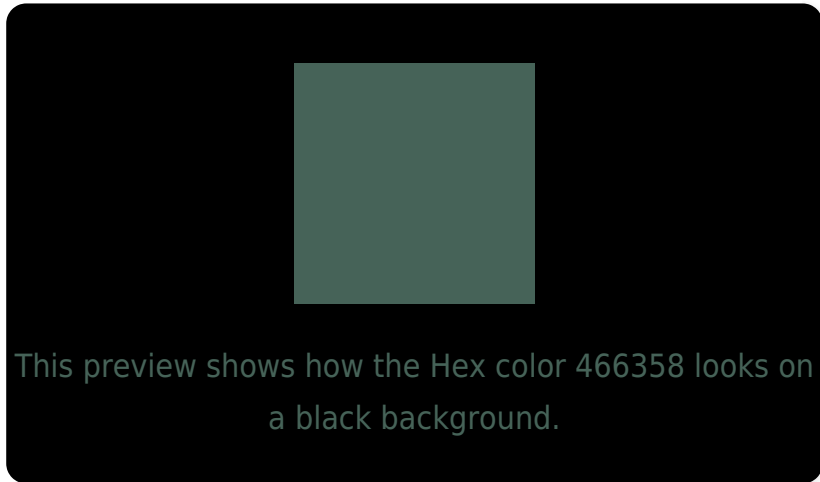
Large Text (above 18pt) WCAG AA ✓ Pass

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

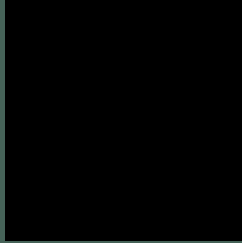
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466358 Background



This preview shows how black text looks on a background with the Hex color 466358.



This preview shows how white text looks on a background with the Hex color 466358.

# 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**  
466358

**Protanopia**  
605C54

**Deuteranopia**  
675A5A



**Tritanopia**  
496168

# Trichromacy



**Original Color**  
466358

**Protanomaly**  
575F55

**Deuteranomaly**  
5B5D59

**Tritanomaly**  
486262

# Monochromacy



**Original Color**  
466358

**Achromatopsia**  
595959

**Achromatomaly**  
525D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466358 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 #466358 looks like.

```
.text, #text, p{  
    color:#466358  
}
```

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 #466358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466358
}
```

## Border

The CSS property to change the border of an element to Hex 466358 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
#466358 }
```

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

```
.border{ border-color:#466358 }
```

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

Here you see how a box with a 4 pixel #466358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466358; -webkit-box-shadow:4px 4px  
4px 4px #466358; box-shadow:4px 4px 4px  
4px #466358 }
```

# Background

The CSS property to change the background color of an element to Hex 466358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466358 }
```

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

```
.background{ background-color:#466358 }
```

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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