

# Converting Colors

Hex(466259)

Have a look what the booklet for  
Hex(466259) contains.

<b>Hex(466259)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(466259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466259
RGB	70, 98, 89
RGB Percent	27%, 38%, 35%
CMY	0.7255, 0.6157, 0.6510
CMYK	0.29, 0.00, 0.09, 0.62
HSL	161°, 17%, 33%
HSV	161°, 29%, 38%
XYZ	8.6966, 10.7587, 11.0695
YIQ	88.6020, -13.7990, -8.7350

# Conversions

## Conversions Part 2

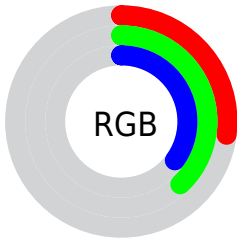
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 87, 98
Decimal	4612697
CIE Lab	39.17, -12.50, 1.78
CIE LCh	39, 12.626, 171.901
Yxy	10.7587, 0.2849, 0.3525
Android (android.graphics.Color)	4282802777 (0xFF466259)
YUV	88.6020, 0.1962, -16.3140
Hunter-Lab	32.8005, -10.0738, 2.9512

# Details

The Hex color **466259** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62464F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **77958B**, and **19332C** is the 20% darker color. If you saturate the color by 10%, you get **3C6256**, and if you desaturate by 10%, it is **50625C**.

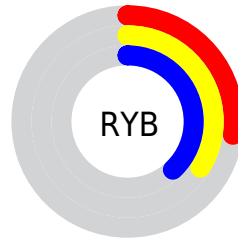
# Distribution



Red (27%)

Green (38%)

Blue (35%)



Red (27%)

Yellow (34%)

Blue (38%)

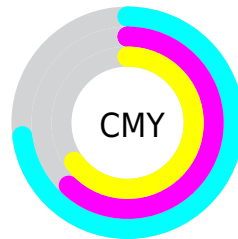


Cyan (29%)

Magenta (0%)

Yellow (9%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466259 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 466259 by changing the saturation by 10% instead.





466259



466259

FFFFFF



2F4A42



77958B



19332C



91AFA5



031E17



ACCBC0



000000



C7E7DC



E3FFF9



466259



466259



3C6256



50625C



326253



5A625F

■ 296250

■ 636262

■ 1F624C

■ 6D6266

■ 156249

■ 776269

■ 0B6246

■ 81626C

■ 016243

■ 8B626F

■ 006242

■ 946272

■ 9E6275

# Harmonies

## Analogous

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



50614F



466259



406263

# Triad

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



466259



5A5B6F



6F574D

# Complementary

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



466259



62464F

# 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.



725555



466259



675769

# Square

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



466259



4D5E70



6F555F



675B48

# Rectangle

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



466259



41616A



6F555F



70574F



# Sweetspot

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



466259



74807C



4F6246



39403D



BFBFBF



404040



# Same Dimension

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



466259



548072



465D62



2C302F



00704C



00F0A3



# Inverse Universe

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



62464F



805462



624B46



302C2D



700024



F0004D



# Previews

## White Background



This preview shows how the Hex color 466259 looks on a white background.

## Color Contrast Check

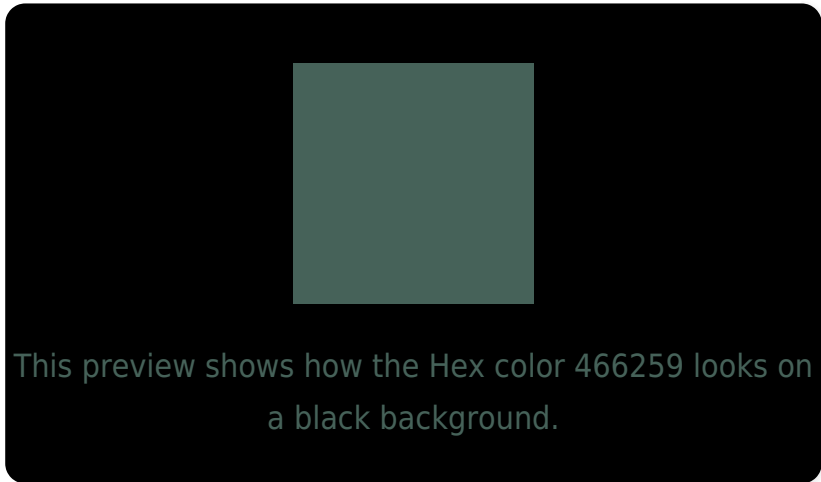
Large Text (above 18pt) WCAG AA ✓ Pass

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

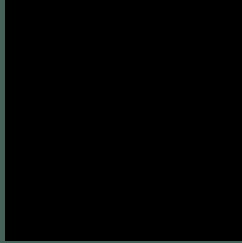
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466259 Background



This preview shows how black text looks on a background with the Hex color 466259.



This preview shows how white text looks on a background with the Hex color 466259.

# 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**  
466259

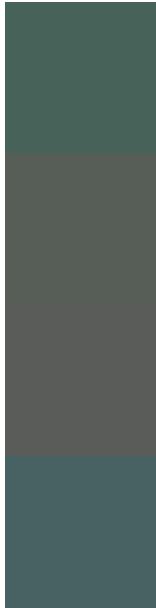
**Protanopia**  
5F5C56

**Deuteranopia**  
65595B



**Tritanopia**  
496068

# Trichromacy



**Original Color**

466259

**Protanomaly**

565E57

**Deuteranomaly**

5A5C5A

**Tritanomaly**

486163

# Monochromacy



**Original Color**

466259

**Achromatopsia**

595959

**Achromatomaly**

525C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466259 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 #466259 looks like.

```
.text, #text, p{  
    color:#466259  
}
```

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 #466259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466259
}
```

## Border

The CSS property to change the border of an element to Hex 466259 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".

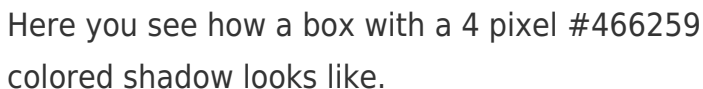
```
.border, #border, table{ border:4px solid
#466259 }
```

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

```
.border{ border-color:#466259 }
```

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

Here you see how a box with a 4 pixel #466259 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466259; -webkit-box-shadow:4px 4px  
4px 4px #466259; box-shadow:4px 4px 4px  
4px #466259 }
```

# Background

The CSS property to change the background color of an element to Hex 466259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466259 }
```

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

```
.background{ background-color:#466259 }
```

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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