

# Converting Colors

Hex(468159)

Have a look what the booklet for  
Hex(468159) contains.

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# Color

**Hex(468159)**

# Conversions

## Conversions Part 1

Format	Color
Hex	468159
RGB	70, 129, 89
RGB Percent	27%, 51%, 35%
CMY	0.7255, 0.4941, 0.6510
CMYK	0.46, 0.00, 0.31, 0.49
HSL	139°, 30%, 39%
HSV	139°, 46%, 51%
XYZ	12.1792, 17.7239, 12.2303
YIQ	106.7990, -22.3240, -24.9480

# Conversions

## Conversions Part 2

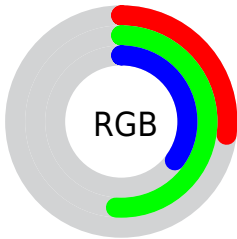
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 115, 129
Decimal	4620633
CIELab	49.16, -28.78, 15.84
CIElCh	49, 32.857, 151.169
Yxy	17.7239, 0.2891, 0.4207
Android (android.graphics.Color)	4282810713 (0xFF468159)
YUV	106.7990, -8.7749, -32.2727
Hunter-Lab	42.0997, -22.0355, 12.2456

# Details

The Hex color **468159** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **81466E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7AB68B**, and **114F2B** is the 20% darker color. If you saturate the color by 10%, you get **398150**, and if you desaturate by 10%, it is **538162**.

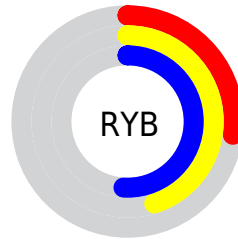
# Distribution



Red (27%)

Green (51%)

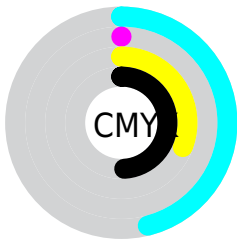
Blue (35%)



Red (27%)

Yellow (45%)

Blue (51%)

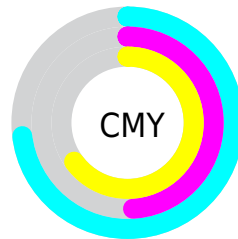


Cyan (46%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468159 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 468159 by changing the saturation by 10% instead.



 468159

 468159

FFFFFF

 2D6841

 7AB68B

 114F2B

 94D2A6

 003816

 B0EFC1

 002300

 CCFFDD

 000000

 E8FFF9

 468159

 468159

 398150

 538162

 2C8148

 60816A

■ 1F813F

■ 6D8173

■ 128136

■ 7A817C

■ 06812D

■ 878185

■ 00812A

■ 93818D

■ A08196

■ AD819F

■ BA81A8

# Harmonies

## Analogous

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



687C44



468159



118375

# Triad

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



468159



4B77AC



A96159

# Complementary

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



468159



81466E

# 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.



A85E75



468159



796DA4

# Square

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



468159



007FA5



986390



9C6A45

# Rectangle

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



468159



008388



986390



AA5F62



# Sweetspot

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



468159



91A898



6E8146



46544A



D4D4D4



545454



# Same Dimension

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



468159



4CA86A



468176



39403B



008029



000000



# Inverse Universe

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



81466E



A84C8A



814651



40393E



800056



000000



# Previews

## White Background



This preview shows how the Hex color 468159 looks on a white background.

## Color Contrast Check

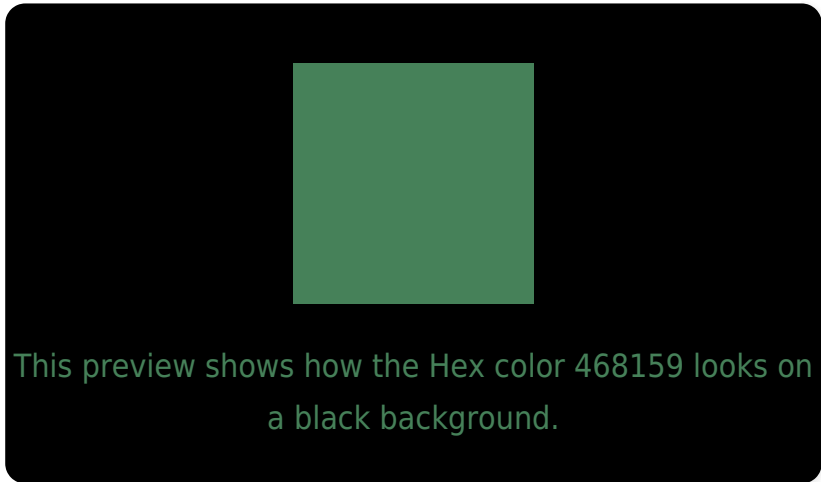
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

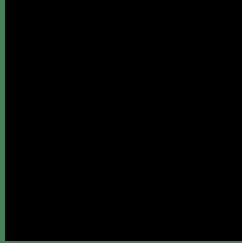
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 468159 Background



This preview shows how black text looks on a background with the Hex color 468159.



This preview shows how white text looks on a background with the Hex color 468159.

# 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**  
468159

**Protanopia**  
7D7453

**Deuteranopia**  
87705D



**Tritanopia**  
507B85

# Trichromacy



**Original Color**  
468159

**Protanomaly**  
697955

**Deuteranomaly**  
6F765C

**Tritanomaly**  
4C7D75

# Monochromacy



**Original Color**  
468159

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5E7364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468159 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 #468159 looks like.

```
.text, #text, p{  
    color:#468159  
}
```

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 #468159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468159
}
```

## Border

The CSS property to change the border of an element to Hex 468159 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".

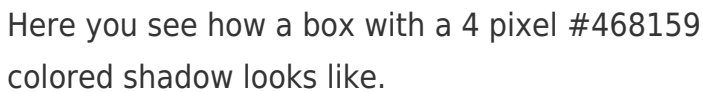
```
.border, #border, table{ border:4px solid
#468159 }
```

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

```
.border{ border-color:#468159 }
```

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

Here you see how a box with a 4 pixel #468159 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468159; -webkit-box-shadow:4px 4px  
4px 4px #468159; box-shadow:4px 4px 4px  
4px #468159 }
```

# Background

The CSS property to change the background color of an element to Hex 468159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468159 }
```

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

```
.background{ background-color:#468159 }
```

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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