

# Converting Colors

Hex(468038)

Have a look what the booklet for  
Hex(468038) contains.

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# Color

**Hex(468038)**

# Conversions

## Conversions Part 1

Format	Color
Hex	468038
RGB	70, 128, 56
RGB Percent	27%, 50%, 22%
CMY	0.7255, 0.4980, 0.7804
CMYK	0.45, 0.00, 0.56, 0.50
HSL	108°, 39%, 36%
HSV	108°, 56%, 50%
XYZ	10.9588, 17.0260, 6.4501
YIQ	102.4500, -11.4560, -34.6880

# Conversions

## Conversions Part 2

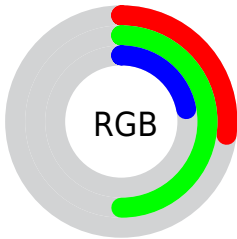
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 128, 114
Decimal	4620344
CIELab	48.29, -33.77, 32.88
CIElCh	48, 47.134, 135.758
Yxy	17.0260, 0.3182, 0.4944
Android (android.graphics.Color)	4282810424 (0xFF468038)
YUV	102.4500, -22.8999, -28.4587
Hunter-Lab	41.2625, -24.8022, 19.6156

# Details

The Hex color **468038** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **723880**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7AB569**, and **0E4E07** is the 20% darker color. If you saturate the color by 10%, you get **3C802B**, and if you desaturate by 10%, it is **508045**.

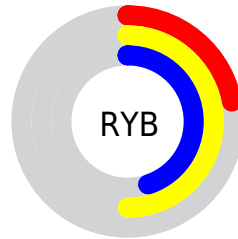
# Distribution



Red (27%)

Green (50%)

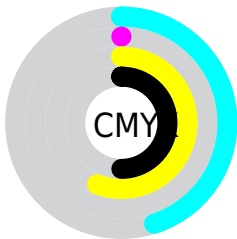
Blue (22%)



Red (22%)

Yellow (50%)

Blue (45%)

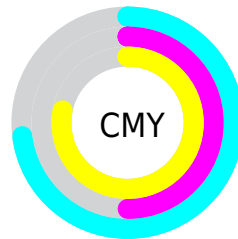


Cyan (45%)

Magenta (0%)

Yellow (56%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468038 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 468038 by changing the saturation by 10% instead.





468038



468038

FFFFFF



2C6720



7AB569



0E4E07



95D183



003600



B1EE9D



002300



CDFFB9



000000



EAFD4



FFFFF1



468038



468038



3C802B



508045

■ 31801E

■ 5B8052

■ 278012

■ 65805E

■ 1D8005

■ 6F806B

■ 198000

■ 7A8078

■ 848085

■ 8E8092

■ 98809E

■ A380AB

# Harmonies

## Analogous

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



74771F



468038



00855E

# Triad

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



468038



007CC0



BC4F5F

# Complementary

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



468038



723880

# 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.



B25187



468038



5070BF

# Square

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



468038



0084AB



905FAB



B15A3B

# Rectangle

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



468038



008679



905FAB



BB4E6D



# Sweetspot

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



468038



8FA68A



807238



475443



D4D4D4



545454



# Same Dimension

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



468038



4BA635



38804E



3B4039



198000



000000



# Inverse Universe

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



723880



9035A6



80386A



3F3940



670080



000000



# Previews

## White Background



This preview shows how the Hex color 468038 looks on a white background.

## Color Contrast Check

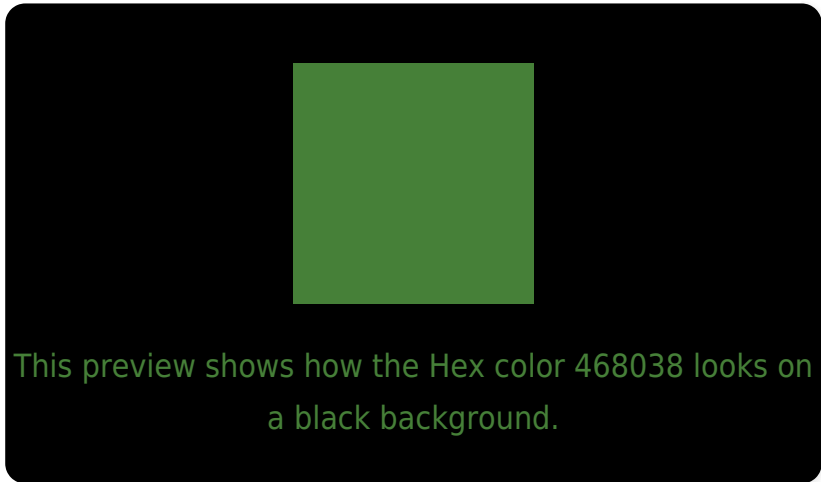
Large Text (above 18pt) WCAG AA ✓ Pass

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

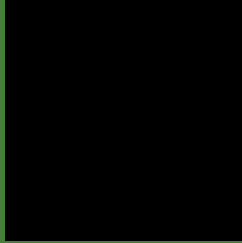
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 468038 Background



This preview shows how black text looks on a background with the Hex color 468038.



This preview shows how white text looks on a background with the Hex color 468038.

# 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](#).

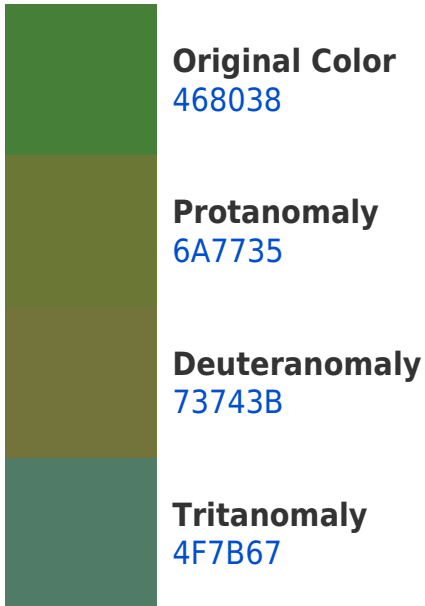
## Dichromacy



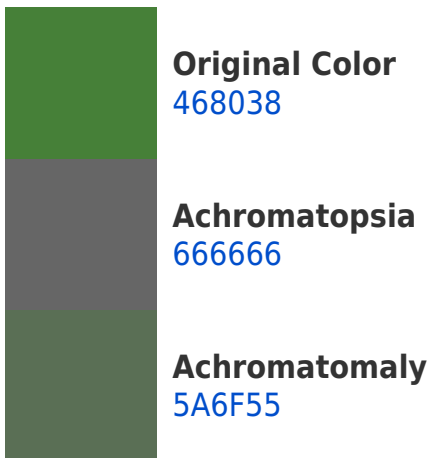


**Tritanopia**  
547882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468038 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 #468038 looks like.

```
.text, #text, p{  
    color:#468038  
}
```

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 #468038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468038  
}
```

## Border

The CSS property to change the border of an element to Hex 468038 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  
#468038 }
```

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

```
.border{ border-color:#468038 }
```

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

Here you see how a box with a 4 pixel #468038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468038; -webkit-box-shadow:4px 4px  
4px 4px #468038; box-shadow:4px 4px 4px  
4px #468038 }
```

# Background

The CSS property to change the background color of an element to Hex 468038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468038 }
```

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

```
.background{ background-color:#468038 }
```

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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