

# Converting Colors

Hex(468C35)

Have a look what the booklet for  
Hex(468C35) contains.

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# Color

Hex(468C35)

# Conversions

## Conversions Part 1

Format	Color
Hex	468C35
RGB	70, 140, 53
RGB Percent	27%, 55%, 21%
CMY	0.7255, 0.4510, 0.7922
CMYK	0.50, 0.00, 0.62, 0.45
HSL	108°, 45%, 38%
HSV	108°, 62%, 55%
XYZ	12.5465, 20.3153, 6.6281
YIQ	109.1520, -13.7930, -41.8970

# Conversions

## Conversions Part 2

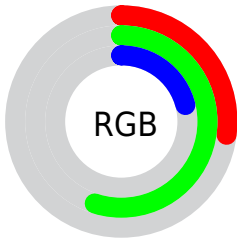
Format	Color
<b>RYB</b>	53, 140, 123
Decimal	4623413
CIELab	52.19, -39.35, 38.90
CIELCh	52, 55.327, 135.329
Yxy	20.3153, 0.3177, 0.5144
Android (android.graphics.Color)	4282813493 (0xFF468C35)
YUV	109.1520, -27.6829, -34.3363
Hunter-Lab	45.0725, -29.1892, 22.8319

# Details

The Hex color **468C35** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7B358C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CC267**, and **055900** is the 20% darker color. If you saturate the color by 10%, you get **3B8C27**, and if you desaturate by 10%, it is **518C43**.

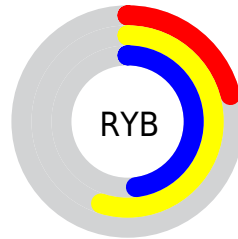
# Distribution



Red (27%)

Green (55%)

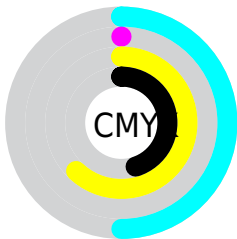
Blue (21%)



Red (21%)

Yellow (55%)

Blue (48%)

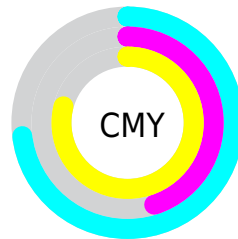


Cyan (50%)

Magenta (0%)

Yellow (62%)

Black (45%)



Cyan (73%)

Magenta (45%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468C35 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 468C35 by changing the saturation by 10% instead.





468C35



468C35

FFFFFF



2A721C



7CC267



055900



97DE81



004100



B3FB9C



002B00



D0FFB7



000E00



EDFFD3



000000



FFFFF0



468C35



468C35



3B8C27



518C43

■ 2F8C19

■ 5D8C51

■ 248C0B

■ 688C5F

■ 1B8C00

■ 738C6D

■ 7E8C7B

■ 8A8C89

■ 958C97

■ A08CA5

■ AB8CB3

# Harmonies

## Analogous

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



7D8212



468C35



009163

# Triad

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



468C35



0088D8



D24F66

# Complementary

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



468C35



7B358C

# 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.



C65296



468C35



4C79D8

# Square

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



468C35



0090BF



9E65C0



C65E3B

# Rectangle

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



468C35



009384



9E65C0



D14E76



# Sweetspot

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



468C35



99B593



8C7B35



4B5C47



DBDBDB



5C5C5C



# Same Dimension

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



468C35



48B52D



358C4F



3F453E



1A8500



010500



# Inverse Universe

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



7B358C



9B2DB5



8C3572



443E45



6B0085



040005



# Previews

## White Background



This preview shows how the Hex color 468C35 looks on a white background.

## Color Contrast Check

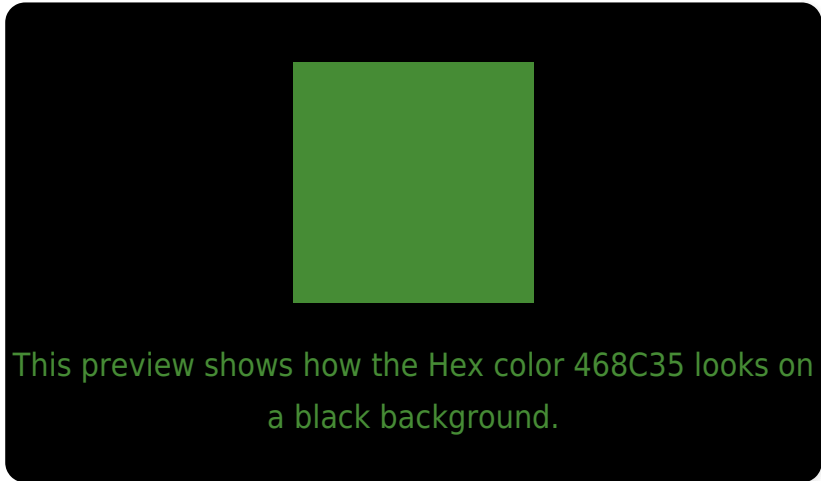
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 468C35 Background



This preview shows how black text looks on a background with the Hex color 468C35.

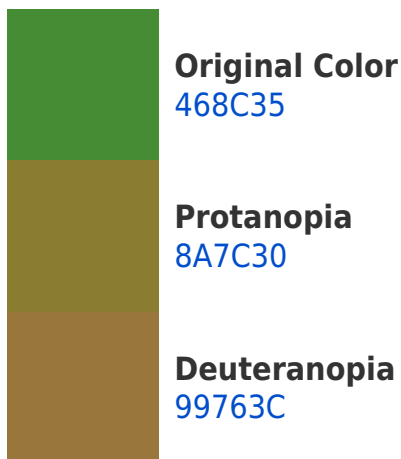


This preview shows how white text looks on a background with the Hex color 468C35.

# 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**  
57838E

# Trichromacy



**Original Color**  
468C35

**Protanomaly**  
718232

**Deuteranomaly**  
7B7E39

**Tritanomaly**  
51866E

# Monochromacy



**Original Color**  
468C35

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5F7859

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468C35 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 #468C35 looks like.

```
.text, #text, p{  
    color:#468C35  
}
```

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 #468C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468C35
}
```

## Border

The CSS property to change the border of an element to Hex 468C35 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
#468C35 }
```

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

```
.border{ border-color:#468C35 }
```

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

Here you see how a box with a 4 pixel #468C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468C35; -webkit-box-shadow:4px 4px  
4px 4px #468C35; box-shadow:4px 4px 4px  
4px #468C35 }
```

# Background

The CSS property to change the background color of an element to Hex 468C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468C35 }
```

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

```
.background{ background-color:#468C35 }
```

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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