

# Converting Colors

Hex(468F49)

Have a look what the booklet for  
Hex(468F49) contains.

<b>Hex(468F49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(468F49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	468F49
RGB	70, 143, 73
RGB Percent	27%, 56%, 29%
CMY	0.7255, 0.4392, 0.7137
CMYK	0.51, 0.00, 0.49, 0.44
HSL	122°, 34%, 42%
HSV	122°, 51%, 56%
XYZ	13.5508, 21.4281, 9.7252
YIQ	113.1930, -21.0380, -37.2460

# Conversions

## Conversions Part 2

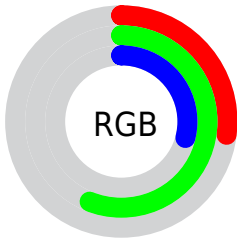
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 140, 143
Decimal	4624201
CIE <sub>Lab</sub>	53.41, -38.00, 30.28
CIE <sub>LCh</sub>	53, 48.587, 141.450
Yxy	21.4281, 0.3031, 0.4793
Android (android.graphics.Color)	4282814281 (0xFF468F49)
YUV	113.1930, -19.8151, -37.8803
Hunter-Lab	46.2904, -28.7550, 19.9471

# Details

The Hex color **468F49** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F468C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7CC57B**, and **075C1A** is the 20% darker color. If you saturate the color by 10%, you get **388F3B**, and if you desaturate by 10%, it is **548F57**.

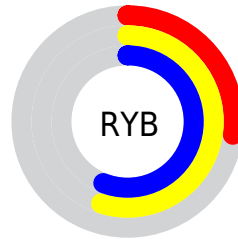
# Distribution



Red (27%)

Green (56%)

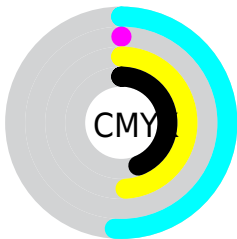
Blue (29%)



Red (27%)

Yellow (55%)

Blue (56%)

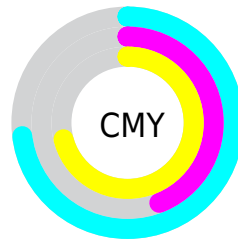


Cyan (51%)

Magenta (0%)

Yellow (49%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468F49 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 468F49 by changing the saturation by 10% instead.



 468F49

 468F49

FFFFFF

 2A7531

 7CC57B

 075C1A

 97E295

 004401

 B3FFB0

 002D00

 CFFFCC

 001400

 ECFE8

 000000

 468F49

 468F49

 388F3B

 548F57

 298F2E

 638F64

 1B8F20

 718F72

 0D8F12

 7F8F80

 008F06

 8E8F8E

 9C8F9B

 AA8FA9

 B88FB7

 C78FC4

# Harmonies

## Analogous

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



79862C



468F49



009372

# Triad

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



468F49



0088D2



CC5C63

# Complementary

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



468F49



8F468C

# 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.



C65B8D



468F49



6C79CE

# Square

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



468F49



0090C0



A768B4



BE693F

# Rectangle

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



468F49



00948F



A768B4



CD5A71



# Sweetspot

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



468F49



9EBA9F



8D8F46



4D5E4E



DEDEDE



5E5E5E



# Same Dimension

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



468F49



49BA4D



468F6D



404741



008706



000800



# Inverse Universe

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



8F468C



BA49B5



8F4668



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 468F49 looks on a white background.

## Color Contrast Check

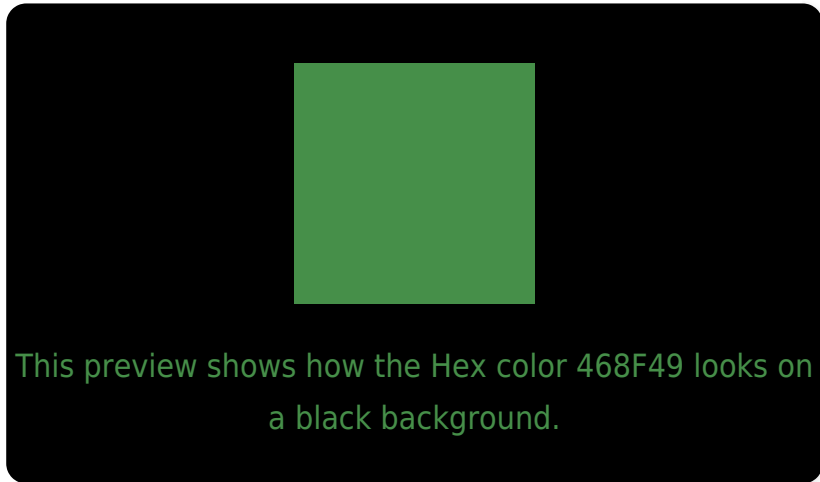
Large Text (above 18pt) WCAG AA ✓ Pass

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

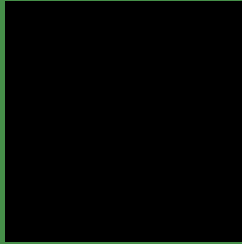
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 468F49 Background



This preview shows how black text looks on a background with the Hex color 468F49.



This preview shows how white text looks on a background with the Hex color 468F49.

# 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](#).

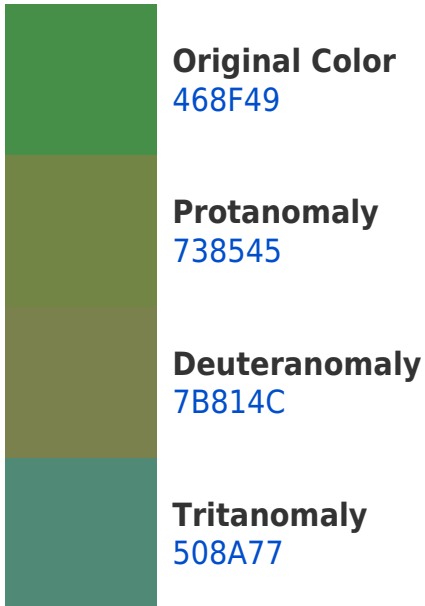
## Dichromacy



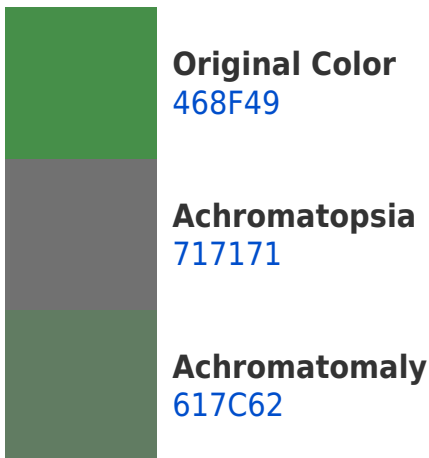


**Tritanopia**  
568792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468F49 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 #468F49 looks like.

```
.text, #text, p{  
    color:#468F49  
}
```

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 #468F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468F49
}
```

## Border

The CSS property to change the border of an element to Hex 468F49 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
#468F49 }
```

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

```
.border{ border-color:#468F49 }
```

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

Here you see how a box with a 4 pixel #468F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468F49; -webkit-box-shadow:4px 4px  
4px 4px #468F49; box-shadow:4px 4px 4px  
4px #468F49 }
```

# Background

The CSS property to change the background color of an element to Hex 468F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468F49 }
```

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

```
.background{ background-color:#468F49 }
```

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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