

# Converting Colors

Hex(4A8445)

Have a look what the booklet for  
Hex(4A8445) contains.

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# Color

Hex(4A8445)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A8445
RGB	74, 132, 69
RGB Percent	29%, 52%, 27%
CMY	0.7098, 0.4824, 0.7294
CMYK	0.44, 0.00, 0.48, 0.48
HSL	115°, 31%, 39%
HSV	115°, 48%, 52%
XYZ	12.1495, 18.3880, 8.5391
YIQ	107.4760, -14.3450, -31.8890

# Conversions

## Conversions Part 2

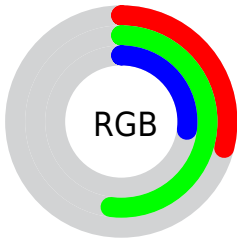
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 132, 127
Decimal	4883525
CIELab	49.96, -32.46, 28.12
CIELCh	50, 42.944, 139.091
Yxy	18.3880, 0.3109, 0.4706
Android (android.graphics.Color)	4283073605 (0xFF4A8445)
YUV	107.4760, -18.9687, -29.3585
Hunter-Lab	42.8813, -24.4681, 18.2102

# Details

The Hex color **4A8445** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F4584**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7EBA76**, and **155217** is the 20% darker color. If you saturate the color by 10%, you get **3E8438**, and if you desaturate by 10%, it is **568452**.

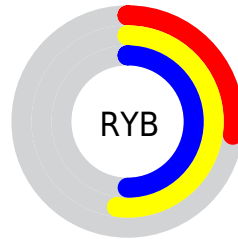
# Distribution



Red (29%)

Green (52%)

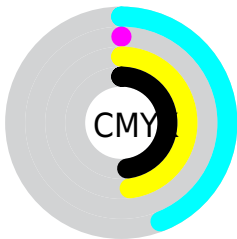
Blue (27%)



Red (27%)

Yellow (52%)

Blue (50%)

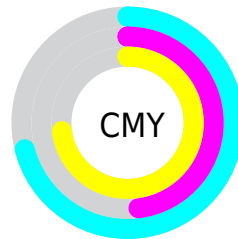


Cyan (44%)

Magenta (0%)

Yellow (48%)

Black (48%)



Cyan (71%)

Magenta (48%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A8445 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 4A8445 by changing the saturation by 10% instead.





4A8445



4A8445

FFFFFF



306A2E



7EBA76



155217



99D590



003A00



B5F2AB



002500



D1FFC7



000000



EEFFE3



4A8445



4A8445



3E8438



568452



32842B



62845F

■ 26841D

■ 6E846D

■ 198410

■ 7B847A

■ 0D8403

■ 878487

■ 0A8400

■ 938494

■ 9F84A1

■ AB84AF

■ B784BC

# Harmonies

## Analogous

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



757C2E



4A8445



008868

# Triad

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



4A8445



007FBE



BB5861

# Complementary

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



4A8445



7F4584

# 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.



B35886



4A8445



6273BC

# Square

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



4A8445



0086AD



9664A7



B06241

# Rectangle

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



4A8445



008981



9664A7



BA576D



# Sweetspot

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



4A8445



95AB93



847F45



495748



D6D6D6



575757



# Same Dimension

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



4A8445



51AB49



45845F



3C423C



0A8200



000300



# Inverse Universe

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



7F4584



A349AB



84456A



423C42



780082



020003



# Previews

## White Background



This preview shows how the Hex color 4A8445 looks on a white background.

## Color Contrast Check

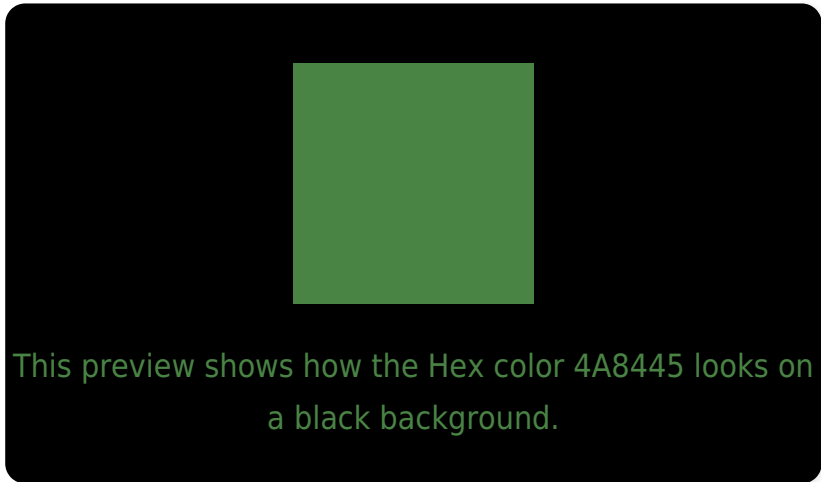
Large Text (above 18pt) WCAG AA ✓ Pass

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

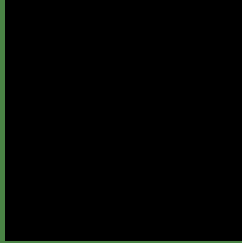
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A8445 Background



This preview shows how black text looks on a background with the Hex color 4A8445.



This preview shows how white text looks on a background with the Hex color 4A8445.

# 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**  
4A8445

**Protanopia**  
827640

**Deuteranopia**  
8F714A



**Tritanopia**  
577D87

# Trichromacy



**Original Color**  
4A8445

**Protanomaly**  
6E7B42

**Deuteranomaly**  
767848

**Tritanomaly**  
52806F

# Monochromacy



**Original Color**  
4A8445

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5F745D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A8445 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 #4A8445 looks like.

```
.text, #text, p{  
    color:#4A8445  
}
```

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 #4A8445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8445
}
```

## Border

The CSS property to change the border of an element to Hex 4A8445 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".

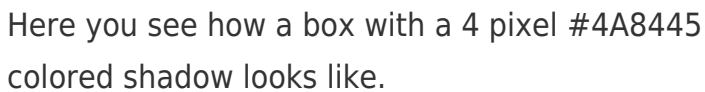
```
.border, #border, table{ border:4px solid
#4A8445 }
```

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

```
.border{ border-color:#4A8445 }
```

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

Here you see how a box with a 4 pixel #4A8445 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8445; -webkit-box-shadow:4px 4px  
4px 4px #4A8445; box-shadow:4px 4px 4px  
4px #4A8445 }
```

# Background

The CSS property to change the background color of an element to Hex 4A8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8445 }
```

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

```
.background{ background-color:#4A8445 }
```

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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