

# Converting Colors

Hex(4A8745)

Have a look what the booklet for  
Hex(4A8745) contains.

<b>Hex(4A8745)</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(4A8745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A8745
RGB	74, 135, 69
RGB Percent	29%, 53%, 27%
CMY	0.7098, 0.4706, 0.7294
CMYK	0.45, 0.00, 0.49, 0.47
HSL	115°, 32%, 40%
HSV	115°, 49%, 53%
XYZ	12.5622, 19.2135, 8.6767
YIQ	109.2370, -15.1700, -33.4580

# Conversions

## Conversions Part 2

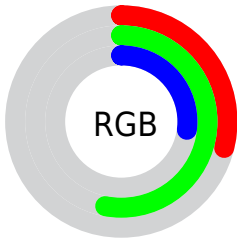
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 135, 130
Decimal	4884293
CIELab	50.94, -33.83, 29.34
CIElCh	51, 44.779, 139.062
Yxy	19.2135, 0.3105, 0.4750
Android (android.graphics.Color)	4283074373 (0xFF4A8745)
YUV	109.2370, -19.8368, -30.9028
Hunter-Lab	43.8332, -25.5515, 18.9469

# Details

The Hex color **4A8745** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824587**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7EBD77**, and **135516** is the 20% darker color. If you saturate the color by 10%, you get **3E8738**, and if you desaturate by 10%, it is **568752**.

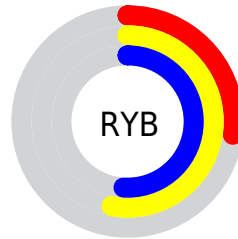
# Distribution



Red (29%)

Green (53%)

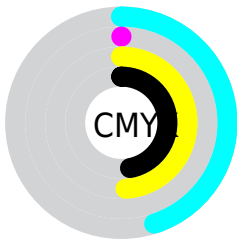
Blue (27%)



Red (27%)

Yellow (53%)

Blue (51%)

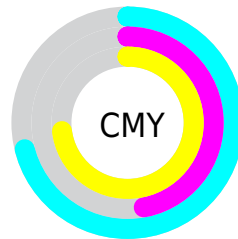


Cyan (45%)

Magenta (0%)

Yellow (49%)

Black (47%)



Cyan (71%)

Magenta (47%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A8745 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 4A8745 by changing the saturation by 10% instead.





4A8745



4A8745

FFFFFF



306D2E



7EBD77



135516



99D991



003D00



B5F5AB



002700



D1FFC7



000600



EEFFE3



000000



4A8745



4A8745



3E8738



568752



31872A



638760

 25871D

 6F876E

 18870F

 7C877B

 0C8702

 888789

 0A8700

 958796

 A187A3

 AE87B1

 BA87BE

# Harmonies

## Analogous

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



777F2C



4A8745



008B6A

# Triad

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



4A8745



0082C4



C05962

# Complementary

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



4A8745



824587

# 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.



B85989



4A8745



6375C2

# Square

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



4A8745



0089B2



9A65AC



B46441

# Rectangle

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



4A8745



008C84



9A65AC



C0576F



# Sweetspot

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



4A8745



98B096



878245



4A5949



D9D9D9



595959



# Same Dimension

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



4A8745



50B048



458761



3C423C



0A8200



000300



# Inverse Universe

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



824587



A848B0



87456B



423C42



780082



020003



# Previews

## White Background



This preview shows how the Hex color 4A8745 looks on a white background.

## Color Contrast Check

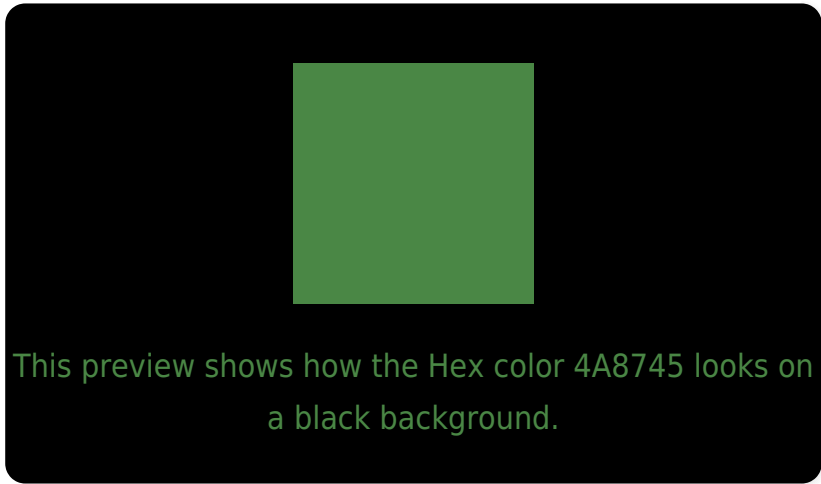
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A8745 Background



This preview shows how black text looks on a background with the Hex color 4A8745.



This preview shows how white text looks on a background with the Hex color 4A8745.

# 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**  
587F8A

# Trichromacy



**Original Color**  
4A8745

**Protanomaly**  
707E42

**Deuteranomaly**  
787A48

**Tritanomaly**  
538271

# Monochromacy



**Original Color**  
4A8745

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
60765E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A8745 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 #4A8745 looks like.

```
.text, #text, p{  
    color:#4A8745  
}
```

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 #4A8745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8745  
}
```

## Border

The CSS property to change the border of an element to Hex 4A8745 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".

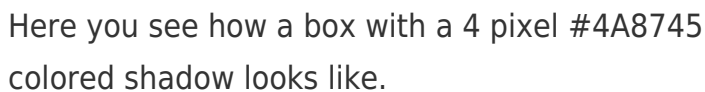
```
.border, #border, table{ border:4px solid  
#4A8745 }
```

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

```
.border{ border-color:#4A8745 }
```

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

Here you see how a box with a 4 pixel #4A8745 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8745; -webkit-box-shadow:4px 4px  
4px 4px #4A8745; box-shadow:4px 4px 4px  
4px #4A8745 }
```

# Background

The CSS property to change the background color of an element to Hex 4A8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8745 }
```

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

```
.background{ background-color:#4A8745 }
```

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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