

# Converting Colors

Hex(49845C)

Have a look what the booklet for  
Hex(49845C) contains.

|  |    |
|--|----|
| <b>Hex(49845C)</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(49845C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 49845C                       |
| RGB         | 73, 132, 92                  |
| RGB Percent | 29%, 52%, 36%                |
| CMY         | 0.7137, 0.4824, 0.6392       |
| CMYK        | 0.45, 0.00, 0.30, 0.48       |
| HSL         | 139°, 29%, 40%               |
| HSV         | 139°, 45%, 52%               |
| XYZ         | 12.9307, 18.6917, 13.0516    |
| YIQ         | 109.7990, -22.3240, -24.9480 |

# Conversions

## Conversions Part 2

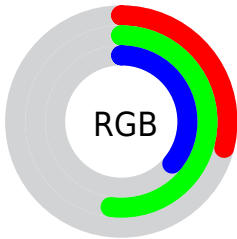
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 73, 118, 132                   |
| Decimal                             | 4818012                        |
| CIELab                              | 50.32, -28.73, 15.74           |
| CIElCh                              | 50, 32.755, 151.279            |
| Yxy                                 | 18.6917, 0.2894,<br>0.4184     |
| Android<br>(android.graphics.Color) | 4283008092<br>(0xFF49845C)     |
| YUV                                 | 109.7990, -8.7749,<br>-32.2727 |
| Hunter-Lab                          | 43.2339, -22.2724,<br>12.3651  |

# Details

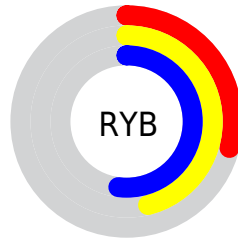
The Hex color **49845C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844971**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7DBA8E**, and **15522E** is the 20% darker color. If you saturate the color by 10%, you get **3C8453**, and if you desaturate by 10%, it is **568465**.

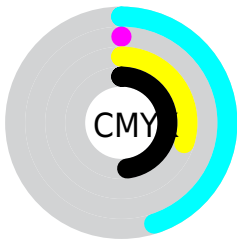
# Distribution



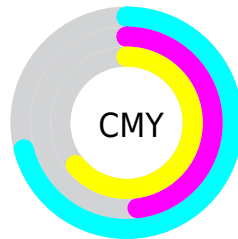
- Red (29%)
- Green (52%)
- Blue (36%)



- Red (29%)
- Yellow (46%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49845C 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 49845C by changing the saturation by 10% instead.





49845C



49845C

FFFFFF



306A44



7DBA8E



15522E



97D5A9



003A19



B3F2C4



002500



CFFFE0



000200



ECFFFD



000000



49845C



49845C



3C8453



568465



2F844A



63846E

■ 218441

■ 718477

■ 148438

■ 7E8480

■ 07842F

■ 8B8489

■ 00842B

■ 988492

■ A5849B

■ B384A4

■ C084AD

# Harmonies

## Analogous

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



6B7F47



49845C



188678

# Triad

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



49845C



4E7AAF



AC645C

# Complementary

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



49845C



844971

# 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.



AC6178



49845C



7C70A7

# Square

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



49845C



0082A8



9C6693



9F6D47

# Rectangle

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



49845C



00868B



9C6693



AD6265



# Sweetspot

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



49845C



95AB9C



718449



49574D



D6D6D6



575757



# Same Dimension

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



49845C



4FAB6C



498479



3C423E



00822A



000301



# Inverse Universe

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



844971



AB4F8D



844954



423C40



820058

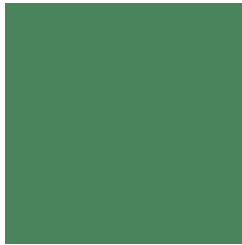


030002



# Previews

## White Background



This preview shows how the Hex color 49845C looks on a white background.

## Color Contrast Check

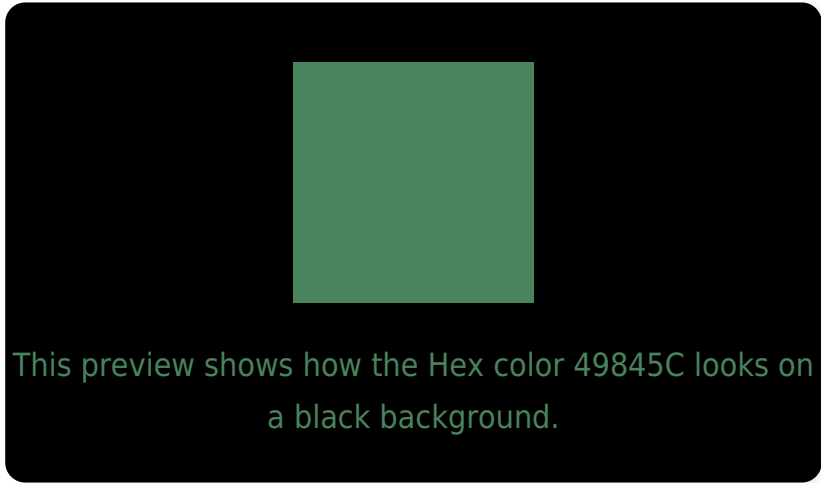
Large Text (above 18pt) WCAG AA ✓ Pass

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

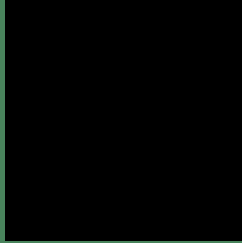
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49845C Background



This preview shows how black text looks on a background with the Hex color 49845C.



This preview shows how white text looks on a background with the Hex color 49845C.

# 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**  
537E89

# Trichromacy



**Original Color**  
49845C

**Protanomaly**  
6C7C58

**Deuteranomaly**  
73795F

**Tritanomaly**  
4F8079

# Monochromacy



**Original Color**  
49845C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
617667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49845C 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 #49845C looks like.

```
.text, #text, p{  
    color:#49845C  
}
```

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 #49845C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49845C
}
```

## Border

The CSS property to change the border of an element to Hex 49845C 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
#49845C }
```

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

```
.border{ border-color:#49845C }
```

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

Here you see how a box with a 4 pixel #49845C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49845C; -webkit-box-shadow:4px 4px  
4px 4px #49845C; box-shadow:4px 4px 4px  
4px #49845C }
```

# Background

The CSS property to change the background color of an element to Hex 49845C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49845C }
```

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

```
.background{ background-color:#49845C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor