

Converting Colors

Hex(48835E)

Have a look what the booklet for
Hex(48835E) contains.

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Color

Hex(48835E)

Conversions

Conversions Part 1

Format	Color
Hex	48835E
RGB	72, 131, 94
RGB Percent	28%, 51%, 37%
CMY	0.7176, 0.4863, 0.6314
CMYK	0.45, 0.00, 0.28, 0.49
HSL	142°, 29%, 40%
HSV	142°, 45%, 51%
XYZ	12.8092, 18.4185, 13.4697
YIQ	109.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

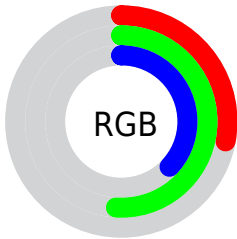
Format	Color
RYB	72, 115, 131
Decimal	4752222
CIELab	50.00, -28.13, 14.14
CIELCh	50, 31.486, 153.318
Yxy	18.4185, 0.2866, 0.4121
Android (android.graphics.Color)	4282942302 (0xFF48835E)
YUV	109.1410, -7.4645, -32.5727
Hunter-Lab	42.9167, -21.8282, 11.4332

Details

The Hex color **48835E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **83486D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CB891**, and **135130** is the 20% darker color. If you saturate the color by 10%, you get **3B8356**, and if you desaturate by 10%, it is **558366**.

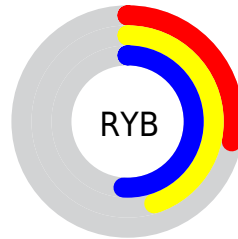
Distribution



Red (28%)

Green (51%)

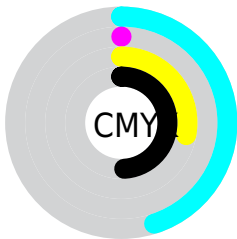
Blue (37%)



Red (28%)

Yellow (45%)

Blue (51%)

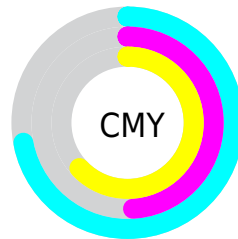


Cyan (45%)

Magenta (0%)

Yellow (28%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48835E 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 48835E by changing the saturation by 10% instead.



48835E



48835E

FFFFFF



2F6A46



7CB891



135130



96D4AB



00391A



B2F1C6



002401



CEFFE2



000000



EAFFFF



48835E



48835E



3B8356



558366



2E834E



62836E

■ 218345

■ 6F8377

■ 14833D

■ 7C837F

■ 078335

■ 8A8387

■ 008331

■ 97838F

■ A48398

■ B183A0

■ BE83A8

Harmonies

Analogous

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



697E49



48835E



1B8579

Triad

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



48835E



5379AC



A9655B

Complementary

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



48835E



83486D

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.



A96275



48835E



7E6FA4

Square

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



48835E



1980A6



9B668F



9C6D48

Rectangle

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



48835E



00858B



9B668F



AB6363

Sweetspot

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



48835E



93AB9C



6D8348



48574D



D6D6D6



575757

Same Dimension

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



48835E



4FAB71



48837B



3C423E



008230



000301

Inverse Universe

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



83486D



AB4F88



834850



423C40



820052



030002

Previews

White Background



This preview shows how the Hex color 48835E looks on a white background.

Color Contrast Check

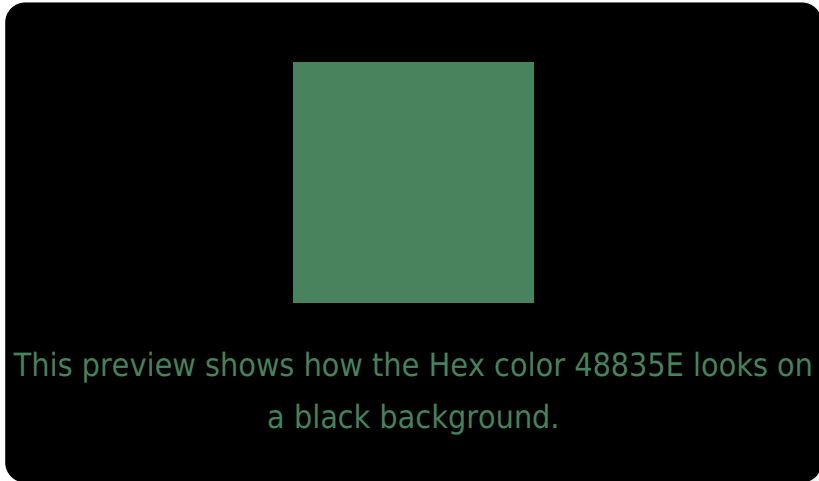
Large Text (above 18pt) WCAG AA ✓ Pass

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

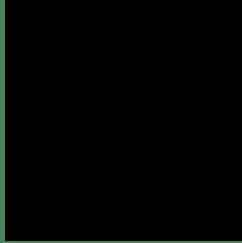
Any Text WCAG AA ✓ Pass

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 48835E Background



This preview shows how black text looks on a background with the Hex color 48835E.



This preview shows how white text looks on a background with the Hex color 48835E.

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
48835E

Protanopia
7F7658

Deuteranopia
897262



Tritanopia
527E88

Trichromacy



Original Color
48835E

Protanomaly
6B7B5A

Deuteranomaly
717861

Tritanomaly
4E8079

Monochromacy



Original Color
48835E

Achromatopsia
6D6D6D

Achromatomaly
607568

CSS Examples

Text

The CSS property to change the color of the text to Hex 48835E 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 #48835E looks like.

```
.text, #text, p{  
    color:#48835E  
}
```

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 #48835E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48835E
}
```

Border

The CSS property to change the border of an element to Hex 48835E 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
#48835E }
```

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

```
.border{ border-color:#48835E }
```

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

Here you see how a box with a 4 pixel #48835E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48835E; -webkit-box-shadow:4px 4px  
4px 4px #48835E; box-shadow:4px 4px 4px  
4px #48835E }
```

Background

The CSS property to change the background color of an element to Hex 48835E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48835E }
```

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

```
.background{ background-color:#48835E }
```

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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