

Converting Colors

Hex(48816C)

Have a look what the booklet for
Hex(48816C) contains.

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Color

Hex(48816C)

Conversions

Conversions Part 1

Format	Color
Hex	48816C
RGB	72, 129, 108
RGB Percent	28%, 51%, 42%
CMY	0.7176, 0.4941, 0.5765
CMYK	0.44, 0.00, 0.16, 0.49
HSL	158°, 28%, 39%
HSV	158°, 44%, 51%
XYZ	13.2295, 18.1609, 16.9955
YIQ	109.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

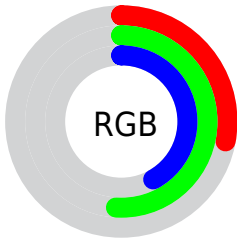
Format	Color
R_{YB}	72, 107, 129
Decimal	4751724
CIE _{Lab}	49.69, -24.03, 5.58
CIE _{LCh}	50, 24.665, 166.937
Yxy	18.1609, 0.2734, 0.3753
Android (android.graphics.Color)	4282941804 (0xFF48816C)
YUV	109.5630, -0.7706, -32.9428
Hunter-Lab	42.6157, -19.1642, 6.1856

Details

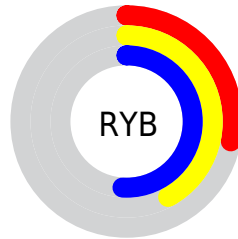
The Hex color **48816C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81485D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7CB69F**, and **144F3D** is the 20% darker color. If you saturate the color by 10%, you get **3B8167**, and if you desaturate by 10%, it is **558171**.

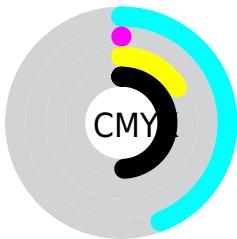
Distribution



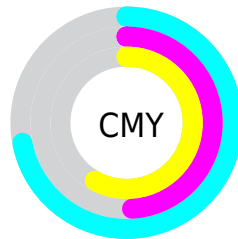
- Red (28%)
- Green (51%)
- Blue (42%)



- Red (28%)
- Yellow (42%)
- Blue (51%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (49%)



- Cyan (72%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48816C 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 48816C by changing the saturation by 10% instead.



48816C



48816C

FFFFFF



2F6854



7CB69F



144F3D



96D2BA



003827



B2EED6



002312



CEFFF2



000000



EAF0FF



48816C



48816C



3B8167



558171



2E8162



628176

■ 21815E

■ 6F817A

■ 148159

■ 7C817F

■ 078154

■ 898184

■ 008151

■ 958189

■ A2818D

■ AF8192

■ BC8197

Harmonies

Analogous

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



617E59



48816C



338282

Triad

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



48816C



6C749E



9B6B58

Complementary

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



48816C



81485D

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.



A0676B



48816C



886D93

Square

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



48816C



4C7B9E



9A6780



8D724E

Rectangle

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



48816C



2F818F



9A6780



9E695E

Sweetspot

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



48816C



92A8A0



5E8148



47544F



D4D4D4



545454

Same Dimension

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



48816C



4FA887



487A81



39403D



008051



000000

Inverse Universe

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



81485D



A84F70



814F48



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 48816C looks on a white background.

Color Contrast Check

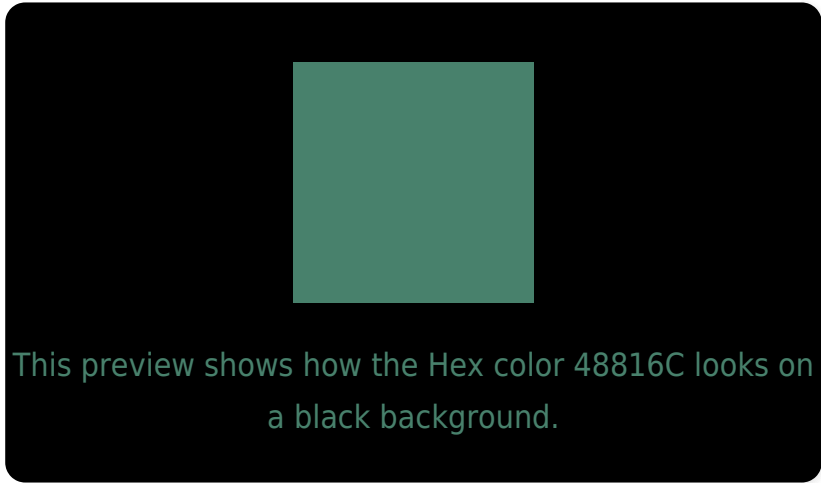
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

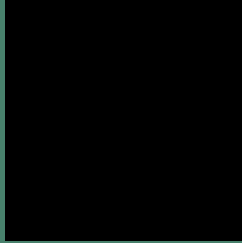
Any Text WCAG AA ✓ Pass

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 48816C Background



This preview shows how black text looks on a background with the Hex color 48816C.

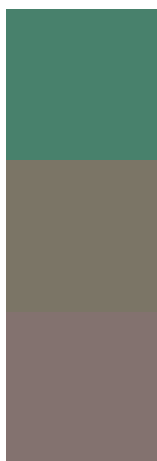


This preview shows how white text looks on a background with the Hex color 48816C.

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
48816C

Protanopia
7B7566

Deuteranopia
83726F



Tritanopia
4F7D87

Trichromacy



Original Color
48816C

Protanomaly
687968

Deuteranomaly
6E776E

Tritanomaly
4C7E7D

Monochromacy



Original Color
48816C

Achromatopsia
6E6E6E

Achromatomaly
60756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 48816C 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 #48816C looks like.

```
.text, #text, p{  
    color:#48816C  
}
```

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 #48816C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48816C
}
```

Border

The CSS property to change the border of an element to Hex 48816C 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
#48816C }
```

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

```
.border{ border-color:#48816C }
```

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

Here you see how a box with a 4 pixel #48816C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48816C; -webkit-box-shadow:4px 4px  
4px 4px #48816C; box-shadow:4px 4px 4px  
4px #48816C }
```

Background

The CSS property to change the background color of an element to Hex 48816C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48816C }
```

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

```
.background{ background-color:#48816C }
```

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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