

Converting Colors

Hex(4C816A)

Have a look what the booklet for
Hex(4C816A) contains.

Hex(4C816A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C816A)

Conversions

Conversions Part 1

Format	Color
Hex	4C816A
RGB	76, 129, 106
RGB Percent	30%, 51%, 42%
CMY	0.7020, 0.4941, 0.5843
CMYK	0.41, 0.00, 0.18, 0.49
HSL	154°, 26%, 40%
HSV	154°, 41%, 51%
XYZ	13.4323, 18.2776, 16.4556
YIQ	110.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

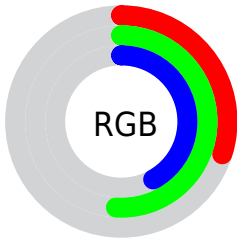
Format	Color
R _Y B	76, 110, 129
Decimal	5013866
CIE Lab	49.83, -23.32, 6.97
CIE LCh	50, 24.335, 163.357
Yxy	18.2776, 0.2789, 0.3795
Android (android.graphics.Color)	4283203946 (0xFF4C816A)
YUV	110.5310, -2.2338, -30.2837
Hunter-Lab	42.7523, -18.7340, 7.1055

Details

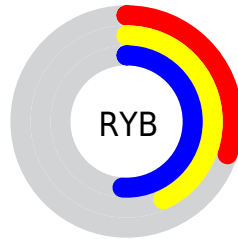
The Hex color **4C816A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **814C63**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7FB69D**, and **1A4F3B** is the 20% darker color. If you saturate the color by 10%, you get **3F8164**, and if you desaturate by 10%, it is **598170**.

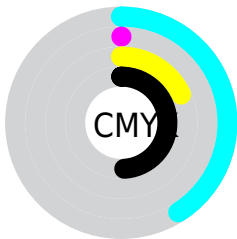
Distribution



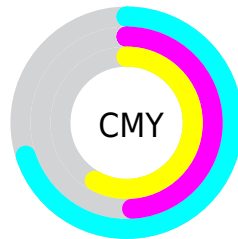
- Red (30%)
- Green (51%)
- Blue (42%)



- Red (30%)
- Yellow (43%)
- Blue (51%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (70%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C816A 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 4C816A by changing the saturation by 10% instead.

 4C816A

 4C816A

FFFFFF

 336852

 7FB69D

 1A4F3B

 9AD2B8

 003825

 B5EED4

 002310

 D1FFF0

 000000

 EEEFFF

 4C816A

 4C816A

 3F8164

 598170

 32815F

 668175

■ 258159

■ 73817B

■ 188154

■ 808180

■ 0B814E

■ 8C8186

■ 008149

■ 99818C

■ A68191

■ B38197

■ C0819C

Harmonies

Analogous

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



647E58



4C816A



37827F

Triad

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



4C816A



69759F



9C6B5B

Complementary

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



4C816A



814C63

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.



A0676E



4C816A



856E95

Square

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



4C816A



4A7C9E



986883



8F714F

Rectangle

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



4C816A



31818D



986883



9E6961

Sweetspot

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



4C816A



94A8A0



64814C



48544F



D4D4D4



545454

Same Dimension

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



4C816A



56A885



4C7E81



39403D



008048



000000

Inverse Universe

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



814C63



A8567A



814F4C



40393C



800037



000000

Previews

White Background



This preview shows how the Hex color 4C816A looks on a white background.

Color Contrast Check

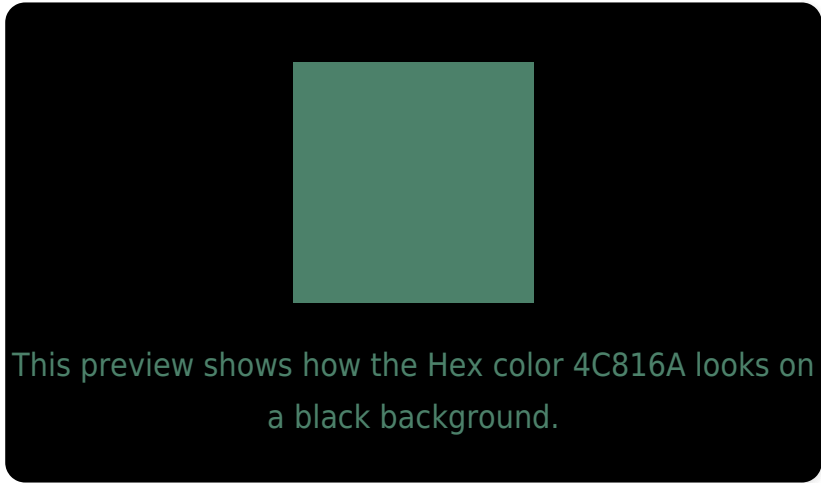
Large Text (above 18pt) WCAG AA ✓ Pass

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

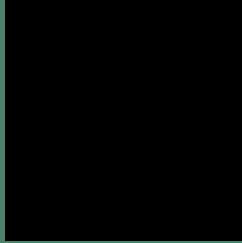
Any Text WCAG AA ✓ Pass

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 4C816A Background



This preview shows how black text looks on a background with the Hex color 4C816A.



This preview shows how white text looks on a background with the Hex color 4C816A.

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
4C816A

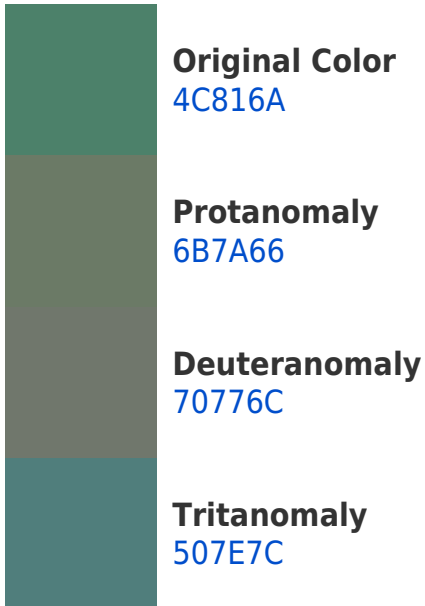
Protanopia
7C7664

Deuteranopia
85726D

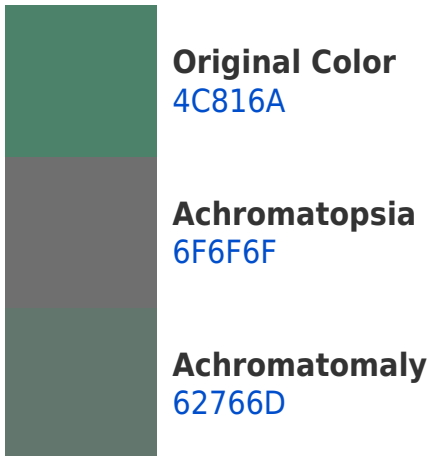


Tritanopia
537D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C816A 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 #4C816A looks like.

```
.text, #text, p{  
    color:#4C816A  
}
```

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 #4C816A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C816A
}
```

Border

The CSS property to change the border of an element to Hex 4C816A 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
#4C816A }
```

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

```
.border{ border-color:#4C816A }
```

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

Here you see how a box with a 4 pixel #4C816A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C816A; -webkit-box-shadow:4px 4px  
4px 4px #4C816A; box-shadow:4px 4px 4px  
4px #4C816A }
```

Background

The CSS property to change the background color of an element to Hex 4C816A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C816A }
```

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

```
.background{ background-color:#4C816A }
```

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