

Converting Colors

Hex(4A785E)

Have a look what the booklet for
Hex(4A785E) contains.

Hex(4A785E)	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(4A785E)

Conversions

Conversions Part 1

Format	Color
Hex	4A785E
RGB	74, 120, 94
RGB Percent	29%, 47%, 37%
CMY	0.7098, 0.5294, 0.6314
CMYK	0.38, 0.00, 0.22, 0.53
HSL	146°, 24%, 38%
HSV	146°, 38%, 47%
XYZ	11.5609, 15.6969, 13.0102
YIQ	103.2820, -19.0700, -17.8380

Conversions

Conversions Part 2

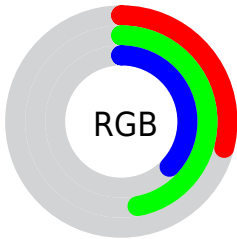
Format	Color
RYB	74, 106, 120
Decimal	4880478
CIELab	46.57, -21.98, 9.38
CIELCh	47, 23.899, 156.894
Yxy	15.6969, 0.2871, 0.3898
Android (android.graphics.Color)	4283070558 (0xFF4A785E)
YUV	103.2820, -4.5760, -25.6803
Hunter-Lab	39.6194, -17.2478, 8.2640

Details

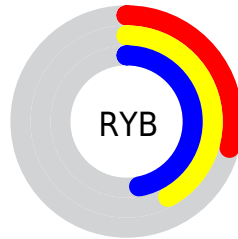
The Hex color **4A785E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784A64**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7DAD90**, and **1A4730** is the 20% darker color. If you saturate the color by 10%, you get **3E7857**, and if you desaturate by 10%, it is **567865**.

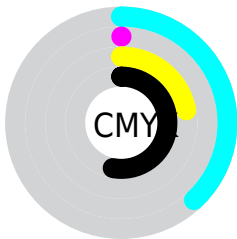
Distribution



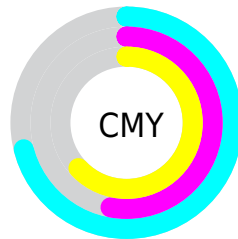
- Red (29%)
- Green (47%)
- Blue (37%)



- Red (29%)
- Yellow (42%)
- Blue (47%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (71%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A785E 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 4A785E by changing the saturation by 10% instead.



4A785E



4A785E

FFFFFF



325F46



7DAD90



1A4730



97C8AB



00301B



B2E4C6



001D00



CEFFE2



000000



EAEFFF



4A785E



4A785E



3E7857



567865



327850



62786C

 26784A

 6E7872

 1A7843

 7A7879

 0E783C

 867880

 027835

 927887

 007834

 9E788D

 AA7894

 B6789B

Harmonies

Analogous

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



62744E



4A785E



337972

Triad

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



4A785E



5A6F96



946257

Complementary

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



4A785E



784A64

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.



955F6A



4A785E



77688E

Square

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



4A785E



3C7593



8C617F



89684A

Rectangle

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



4A785E



2A7980



8C617F



96605D

Sweetspot

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



4A785E



899C91



64784A



444F49



CFCFCF



4F4F4F

Same Dimension

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



4A785E



549C73



4A7875



373D3A



007D36



00FC6E

Inverse Universe

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



784A64



9C547C



784A4D



3D373B



7D0047



FC008F

Previews

White Background



This preview shows how the Hex color 4A785E looks on a white background.

Color Contrast Check

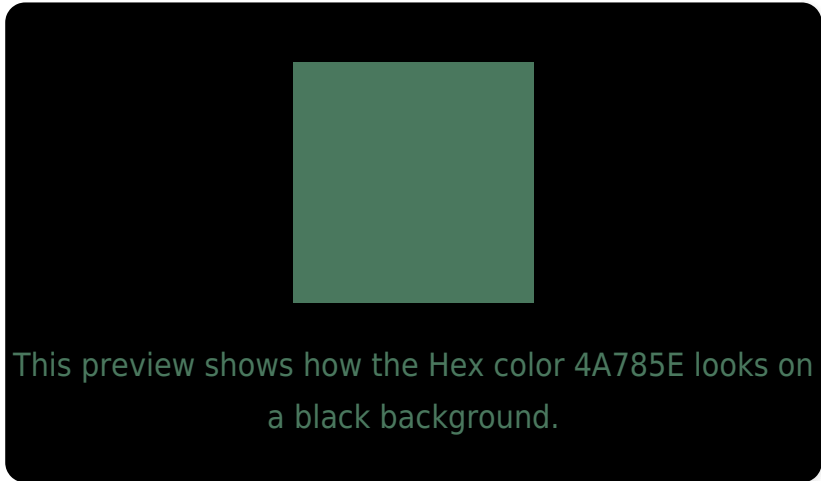
Large Text (above 18pt) WCAG AA ✓ Pass

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

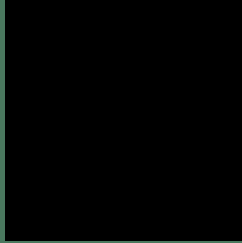
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4A785E Background



This preview shows how black text looks on a background with the Hex color 4A785E.



This preview shows how white text looks on a background with the Hex color 4A785E.

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
4A785E

Protanopia
756E59

Deuteranopia
7D6A61



Tritanopia
51747D

Trichromacy



Original Color
4A785E

Protanomaly
65725B

Deuteranomaly
6A6F60

Tritanomaly
4E7572

Monochromacy



Original Color
4A785E

Achromatopsia
676767

Achromatomaly
5C6D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A785E 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 #4A785E looks like.

```
.text, #text, p{  
    color:#4A785E  
}
```

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 #4A785E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A785E
}
```

Border

The CSS property to change the border of an element to Hex 4A785E is called "border". The border property can be set on classes, ids or directly on the HTML element.

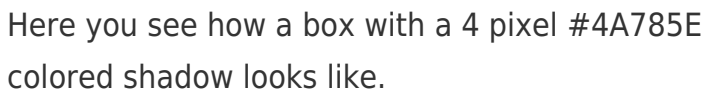
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A785E }
```

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

```
.border{ border-color:#4A785E }
```

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



Here you see how a box with a 4 pixel #4A785E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A785E; -webkit-box-shadow:4px 4px  
4px 4px #4A785E; box-shadow:4px 4px 4px  
4px #4A785E }
```

Background

The CSS property to change the background color of an element to Hex 4A785E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A785E }
```

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

```
.background{ background-color:#4A785E }
```

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