

# Converting Colors

Hex(6A785E)

Have a look what the booklet for  
Hex(6A785E) contains.

<b>Hex(6A785E)</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(6A785E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6A785E
RGB	106, 120, 94
RGB Percent	42%, 47%, 37%
CMY	0.5843, 0.5294, 0.6314
CMYK	0.12, 0.00, 0.22, 0.53
HSL	92°, 12%, 42%
HSV	92°, 22%, 47%
XYZ	14.6807, 17.3053, 13.1562
YIQ	112.8500, 0.0020, -11.0540

# Conversions

## Conversions Part 2

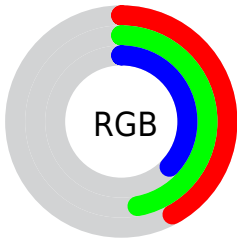
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 120, 108
Decimal	6977630
CIE Lab	48.64, -10.36, 12.58
CIE LCh	49, 16.295, 129.480
Yxy	17.3053, 0.3252, 0.3834
Android (android.graphics.Color)	4285167710 (0xFF6A785E)
YUV	112.8500, -9.2930, -6.0074
Hunter-Lab	41.5996, -9.8057, 10.3688

# Details

The Hex color **6A785E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C5E78**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9DAC90**, and **3A4830** is the 20% darker color. If you saturate the color by 10%, you get **647852**, and if you desaturate by 10%, it is **70786A**.

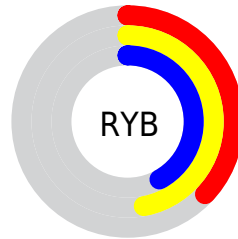
# Distribution



Red (42%)

Green (47%)

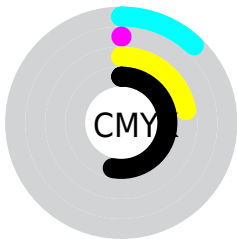
Blue (37%)



Red (37%)

Yellow (47%)

Blue (42%)

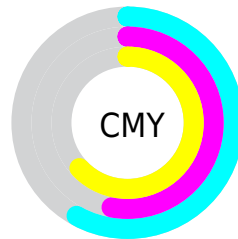


Cyan (12%)

Magenta (0%)

Yellow (22%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A785E 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 6A785E by changing the saturation by 10% instead.





6A785E



6A785E

FFFFFF



525F46



9DAC90



3A4830



B8C8AB



24311B



D4E4C6



111C00



F1FFE2



000000



6A785E



6A785E



647852



70786A



5D7846



777876



57783A



7D7882

■ 50782E

■ 84788E

■ 4A7822

■ 8A789A

■ 437816

■ 9178A6

■ 3D780A

■ 9778B2

■ 377800

■ 9E78BE

■ A478CA

# Harmonies

## Analogous

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



797458



6A785E



5B7B69

# Triad

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



6A785E



58788D



906A70

# Complementary

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



6A785E



6C5E78

# 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.



896B7D



6A785E



69738E

# Square

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



6A785E



4E7A85



7B6F89



8E6C63

# Rectangle

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



6A785E



527B73



7B6F89



8E6A74



# Sweetspot

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



6A785E



969C91



786C5E



4C4F49



CFCFCF



4F4F4F



# Same Dimension

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



6A785E



869C73



5E785F



3A3D37



3A7D00



75FC00



# Inverse Universe

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



6C5E78



89739C



785E77



3A373D



43007D



8800FC



# Previews

## White Background



This preview shows how the Hex color 6A785E looks on a white background.

## Color Contrast Check

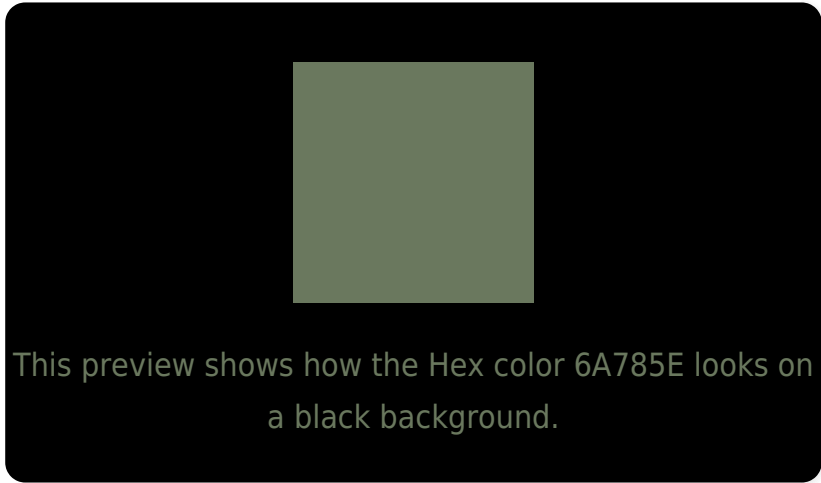
Large Text (above 18pt) WCAG AA ✓ Pass

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

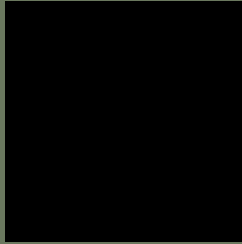
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A785E Background



This preview shows how black text looks on a background with the Hex color 6A785E.



This preview shows how white text looks on a background with the Hex color 6A785E.

# 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**  
6A785E

**Protanopia**  
7B735C

**Deuteranopia**  
856F60



**Tritanopia**  
6F747D

# Trichromacy



**Original Color**  
6A785E

**Protanomaly**  
75755D

**Deuteranomaly**  
7B725F

**Tritanomaly**  
6D7572

# Monochromacy



**Original Color**  
6A785E

**Achromatopsia**  
717171

**Achromatomaly**  
6E746A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A785E 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 #6A785E looks like.

```
.text, #text, p{  
    color:#6A785E  
}
```

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 #6A785E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A785E
}
```

## Border

The CSS property to change the border of an element to Hex 6A785E 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".

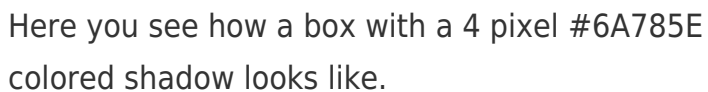
```
.border, #border, table{ border:4px solid
#6A785E }
```

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

```
.border{ border-color:#6A785E }
```

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

Here you see how a box with a 4 pixel #6A785E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A785E; -webkit-box-shadow:4px 4px  
4px 4px #6A785E; box-shadow:4px 4px 4px  
4px #6A785E }
```

# Background

The CSS property to change the background color of an element to Hex 6A785E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A785E }
```

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

```
.background{ background-color:#6A785E }
```

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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