

# Converting Colors

Hex(6A796E)

Have a look what the booklet for  
Hex(6A796E) contains.

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# Color

Hex(6A796E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6A796E
RGB	106, 121, 110
RGB Percent	42%, 47%, 43%
CMY	0.5843, 0.5255, 0.5686
CMYK	0.12, 0.00, 0.09, 0.53
HSL	136°, 7%, 45%
HSV	136°, 12%, 47%
XYZ	15.5957, 17.8647, 17.3781
YIQ	115.2610, -5.4090, -6.6010

# Conversions

## Conversions Part 2

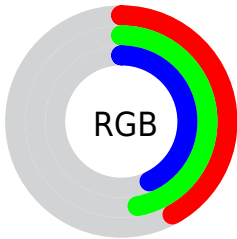
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 118, 121
Decimal	6977902
CIE <sub>Lab</sub>	49.33, -7.87, 4.15
CIE <sub>LCh</sub>	49, 8.899, 152.174
Yxy	17.8647, 0.3068, 0.3514
Android (android.graphics.Color)	4285167982 (0xFF6A796E)
YUV	115.2610, -2.5937, -8.1219
Hunter-Lab	42.2667, -8.1031, 5.2093

# Details

The Hex color **6A796E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796A75**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9DADA2**, and **3B483E** is the 20% darker color. If you saturate the color by 10%, you get **5E7965**, and if you desaturate by 10%, it is **767977**.

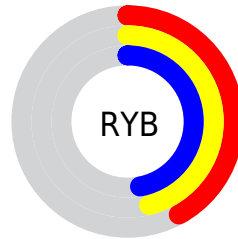
# Distribution



Red (42%)

Green (47%)

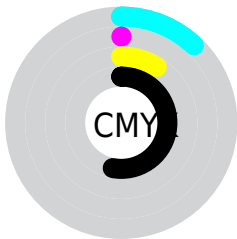
Blue (43%)



Red (42%)

Yellow (46%)

Blue (47%)

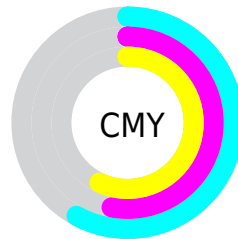


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A796E 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 6A796E by changing the saturation by 10% instead.





6A796E



6A796E

FFFFFF



526056



9DADA2



3B483E



B8C9BD



253229



D4E5D8



111D14



F0FFF5



000000



6A796E



6A796E



5E7965



767977



52795C



827980



467953



8E7989

■ 3A794B

■ 9A7991

■ 2E7942

■ A7799A

■ 217939

■ B379A3

■ 157930

■ BF79AC

■ 097927

■ CB79B5

■ 007920

■ D779BE

# Harmonies

## Analogous

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



727768



6A796E



647A76

# Triad

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



6A796E



6E7684



85716E

# Complementary

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



6A796E



796A75

# 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.



857075



6A796E



777382

# Square

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



6A796E



667882



80717C



827268

# Rectangle

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



6A796E



627A7B



80717C



867070



# Sweetspot

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



6A796E



989E99



75796A



4B4F4C



CFCFCF



4F4F4F



# Same Dimension

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



6A796E



869E8D



6A7975



373D39



007D21



00FC43



# Inverse Universe

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



796A75



9E8698



796A6E



3D373C



7D005C

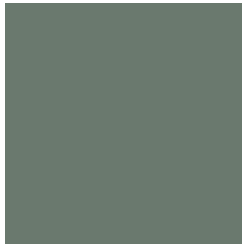


FC00B9



# Previews

## White Background



This preview shows how the Hex color 6A796E looks on a white background.

## Color Contrast Check

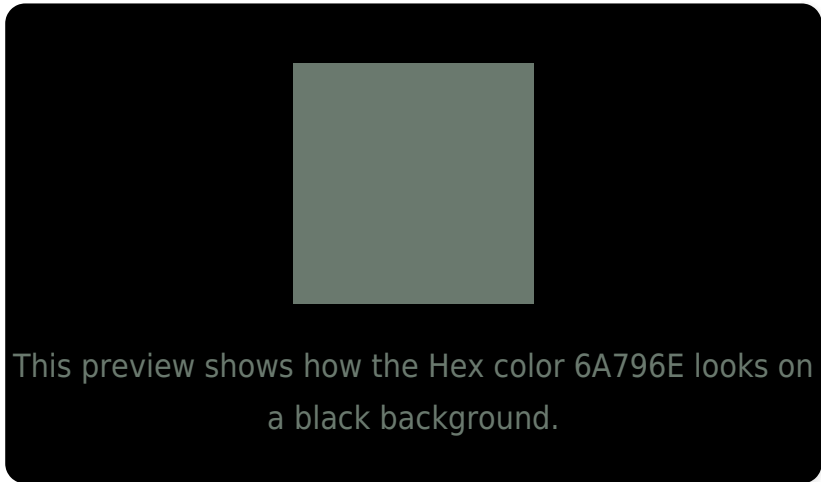
Large Text (above 18pt) WCAG AA ✓ Pass

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

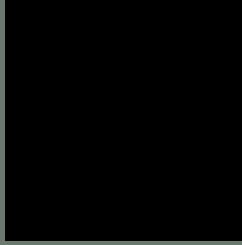
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A796E Background



This preview shows how black text looks on a background with the Hex color 6A796E.

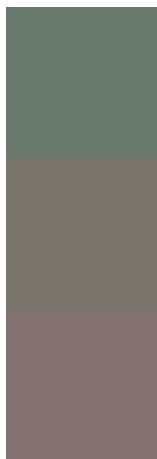


This preview shows how white text looks on a background with the Hex color 6A796E.

# 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**  
6A796E

**Protanopia**  
79756C

**Deuteranopia**  
827170



**Tritanopia**  
6D7680

# Trichromacy



**Original Color**  
6A796E

**Protanomaly**  
74766D

**Deuteranomaly**  
79746F

**Tritanomaly**  
6C7779

# Monochromacy



**Original Color**  
6A796E

**Achromatopsia**  
737373

**Achromatomaly**  
707571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A796E 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 #6A796E looks like.

```
.text, #text, p{  
    color:#6A796E  
}
```

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 #6A796E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A796E
}
```

## Border

The CSS property to change the border of an element to Hex 6A796E is called "border". The border property can be set on classes, ids or directly on the HTML element.

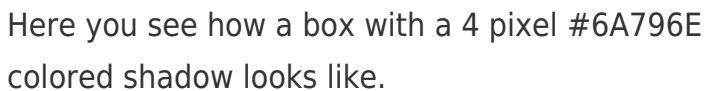
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A796E }
```

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

```
.border{ border-color:#6A796E }
```

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



Here you see how a box with a 4 pixel #6A796E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A796E; -webkit-box-shadow:4px 4px  
4px 4px #6A796E; box-shadow:4px 4px 4px  
4px #6A796E }
```

# Background

The CSS property to change the background color of an element to Hex 6A796E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A796E }
```

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

```
.background{ background-color:#6A796E }
```

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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