

Converting Colors

Hex(6E9A78)

Have a look what the booklet for
Hex(6E9A78) contains.

Hex(6E9A78)	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(6E9A78)

Conversions

Conversions Part 1

Format	Color
Hex	6E9A78
RGB	110, 154, 120
RGB Percent	43%, 60%, 47%
CMY	0.5686, 0.3961, 0.5294
CMYK	0.29, 0.00, 0.22, 0.40
HSL	134°, 18%, 52%
HSV	134°, 29%, 60%
XYZ	21.3762, 27.7823, 22.0052
YIQ	136.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

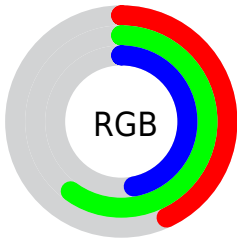
Format	Color
RYB	110, 146, 154
Decimal	7248504
CIELab	59.69, -22.19, 13.13
CIELCh	60, 25.787, 149.380
Yxy	27.7823, 0.3004, 0.3904
Android (android.graphics.Color)	4285438584 (0xFF6E9A78)
YUV	136.9680, -8.3652, -23.6509
Hunter-Lab	52.7089, -19.8496, 12.1435

Details

The Hex color **6E9A78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A6E90**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A3D1AC**, and **3D6747** is the 20% darker color. If you saturate the color by 10%, you get **5F9A6C**, and if you desaturate by 10%, it is **7D9A84**.

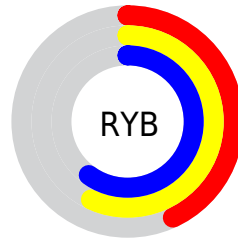
Distribution



Red (43%)

Green (60%)

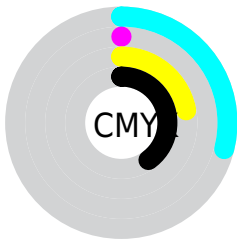
Blue (47%)



Red (43%)

Yellow (57%)

Blue (60%)

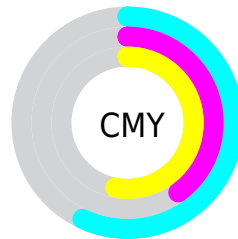


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E9A78 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 6E9A78 by changing the saturation by 10% instead.



6E9A78



6E9A78

FFFFFF



55805F



A3D1AC



3D6747



BEEDC8



254E31



DAFFE4



0C371C



F7FFFF



002202



000000



6E9A78



6E9A78



5F9A6C



7D9A84



4F9A60



8D9A90

 409A54

 9C9A9C

 309A48

 AC9AA8

 219A3C

 BB9AB4

 129A31

 CA9ABF

 029A25

 DA9ACB

 009A23

 E99AD7

 F99AE3

Harmonies

Analogous

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



889568



6E9A78



559C8E

Triad

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



6E9A78



7292BD



BD817B

Complementary

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



6E9A78



9A6E90

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.



BB7F91



6E9A78



928AB7

Square

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



6E9A78



5498B6



AC83A7



B38669

Rectangle

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



6E9A78



4A9C9E



AC83A7



BD7F82

Sweetspot

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



6E9A78



B7C9BB



909A6E



5B665D



E6E6E6



666666

Same Dimension

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



6E9A78



85C995



6E9A8E



454D47



008C20



000D03

Inverse Universe

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



9A6E90



C985BA



9A6E7A



4D454B



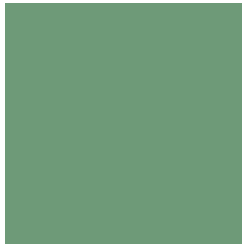
8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 6E9A78 looks on a white background.

Color Contrast Check

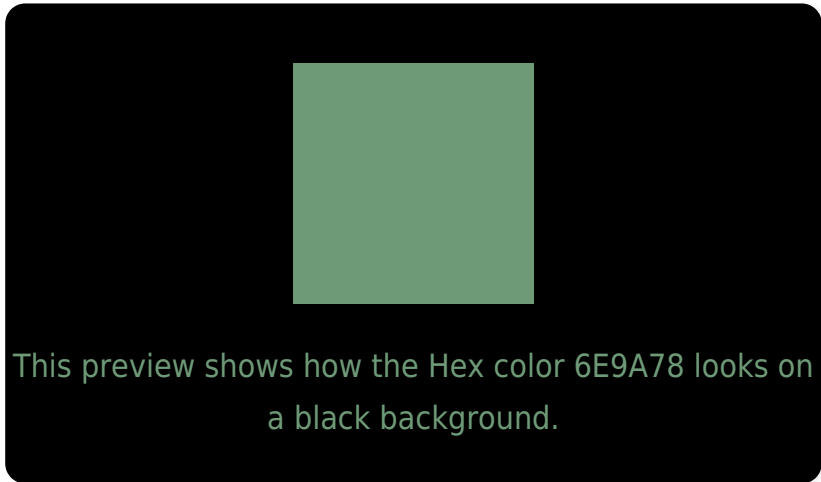
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

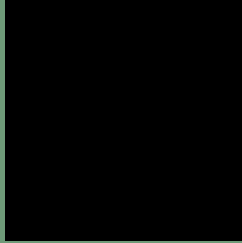
Any Text WCAG AA ✓ Pass

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 6E9A78 Background



This preview shows how black text looks on a background with the Hex color 6E9A78.



This preview shows how white text looks on a background with the Hex color 6E9A78.

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





Tritanopia
7695A0

Trichromacy



Original Color
6E9A78

Protanomaly
899375

Deuteranomaly
90907A

Tritanomaly
739791

Monochromacy



Original Color
6E9A78

Achromatopsia
898989

Achromatomaly
7F8F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E9A78 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 #6E9A78 looks like.

```
.text, #text, p{  
    color:#6E9A78  
}
```

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 #6E9A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9A78  
}
```

Border

The CSS property to change the border of an element to Hex 6E9A78 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  
#6E9A78 }
```

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

```
.border{ border-color:#6E9A78 }
```

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

Here you see how a box with a 4 pixel #6E9A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9A78; -webkit-box-shadow:4px 4px  
4px 4px #6E9A78; box-shadow:4px 4px 4px  
4px #6E9A78 }
```

Background

The CSS property to change the background color of an element to Hex 6E9A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9A78 }
```

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

```
.background{ background-color:#6E9A78 }
```

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