

# Converting Colors

Hex(6D9774)

Have a look what the booklet for  
Hex(6D9774) contains.

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# Color

Hex(6D9774)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D9774
RGB	109, 151, 116
RGB Percent	43%, 59%, 45%
CMY	0.5725, 0.4078, 0.5451
CMYK	0.28, 0.00, 0.23, 0.41
HSL	130°, 17%, 51%
HSV	130°, 28%, 59%
XYZ	20.5257, 26.6454, 20.5843
YIQ	134.4520, -13.7970, -19.7890

# Conversions

## Conversions Part 2

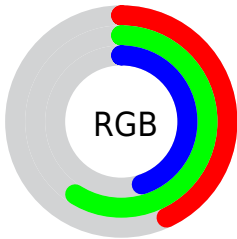
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 145, 151
Decimal	7182196
CIELab	58.64, -21.77, 13.91
CIELCh	59, 25.832, 147.415
Yxy	26.6454, 0.3029, 0.3933
Android (android.graphics.Color)	4285372276 (0xFF6D9774)
YUV	134.4520, -9.0968, -22.3214
Hunter-Lab	51.6192, -19.3554, 12.4903

# Details

The Hex color **6D9774** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **976D90**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A1CDA8**, and **3C6444** is the 20% darker color. If you saturate the color by 10%, you get **5E9767**, and if you desaturate by 10%, it is **7C9781**.

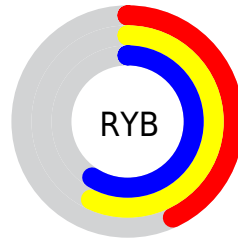
# Distribution



Red (43%)

Green (59%)

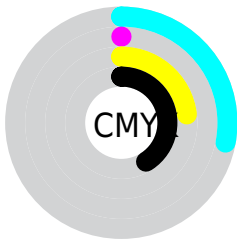
Blue (45%)



Red (43%)

Yellow (57%)

Blue (59%)

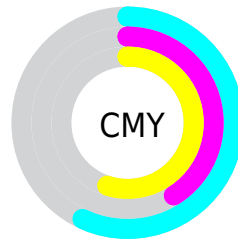


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (41%)



Cyan (57%)

Magenta (41%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D9774 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 6D9774 by changing the saturation by 10% instead.





6D9774



6D9774

FFFFFF



547D5B



A1CDA8



3C6444



BDEAC3



244C2D



D9FFDF



0C3518



F5FFFC



002000



000000



6D9774



6D9774



5E9767



7C9781



4F975B



8B978D

■ 40974E

■ 9A979A

■ 319742

■ A997A6

■ 219735

■ B997B3

■ 129728

■ C897C0

■ 03971C

■ D797CC

■ 009719

■ E697D9

■ F597E5

# Harmonies

## Analogous

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



879264



6D9774



54998A

# Triad

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



6D9774



6D90BA



BA7E79

# Complementary

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



6D9774



976D90

# 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.



B77C90



6D9774



8E88B5

# Square

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



6D9774



4F96B3



A880A6



B18368

# Rectangle

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



6D9774



489A9A



A880A6



BB7D81



# Sweetspot

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



6D9774



B5C4B7



90976D



5A635B



E3E3E3



636363



# Same Dimension

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



6D9774



84C48E



6D9789



454D46



008C17



000D02



# Inverse Universe

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



976D90



C484BA



976D7B



4D454B



8C0075



0D000B



# Previews

## White Background



This preview shows how the Hex color 6D9774 looks on a white background.

## Color Contrast Check

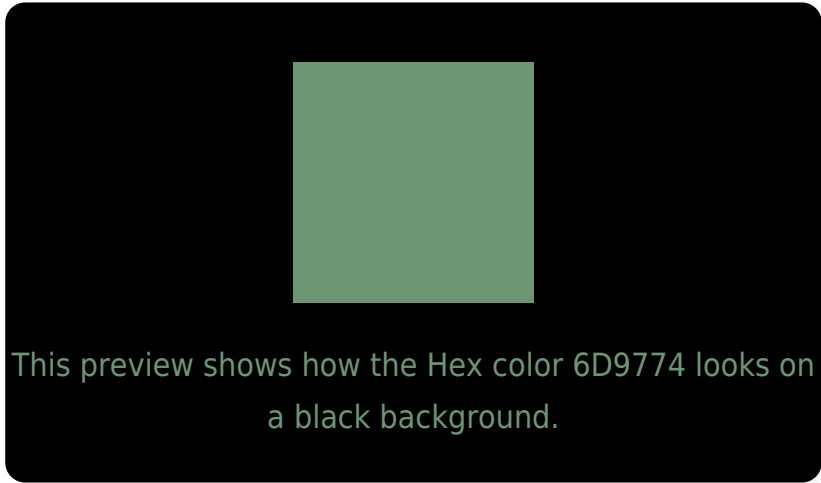
Large Text (above 18pt) WCAG AA ✓ Pass

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

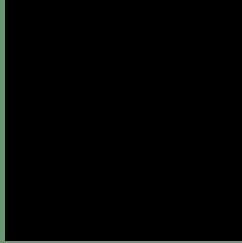
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D9774 Background



This preview shows how black text looks on a background with the Hex color 6D9774.




This preview shows how white text looks on a background with the Hex color 6D9774.

# 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**  
75919D

# Trichromacy



**Original Color**  
6D9774

**Protanomaly**  
879071

**Deuteranomaly**  
8F8D76

**Tritanomaly**  
72938E

# Monochromacy



**Original Color**  
6D9774

**Achromatopsia**  
868686

**Achromatomaly**  
7D8C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D9774 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 #6D9774 looks like.

```
.text, #text, p{  
    color:#6D9774  
}
```

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 #6D9774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9774
}
```

## Border

The CSS property to change the border of an element to Hex 6D9774 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
#6D9774 }
```

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

```
.border{ border-color:#6D9774 }
```

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

Here you see how a box with a 4 pixel #6D9774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9774; -webkit-box-shadow:4px 4px  
4px 4px #6D9774; box-shadow:4px 4px 4px  
4px #6D9774 }
```

# Background

The CSS property to change the background color of an element to Hex 6D9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9774 }
```

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

```
.background{ background-color:#6D9774 }
```

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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