

# Converting Colors

Hex(6E946D)

Have a look what the booklet for  
Hex(6E946D) contains.

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# Color

**Hex(6E946D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E946D
RGB	110, 148, 109
RGB Percent	43%, 58%, 43%
CMY	0.5686, 0.4196, 0.5725
CMYK	0.26, 0.00, 0.26, 0.42
HSL	118°, 15%, 50%
HSV	118°, 26%, 58%
XYZ	19.7806, 25.5989, 18.3665
YIQ	132.1920, -10.1290, -20.1850

# Conversions

## Conversions Part 2

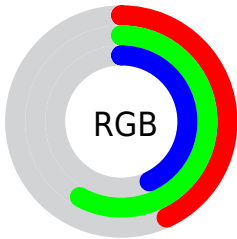
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 148, 147
Decimal	7246957
CIELab	57.65, -21.17, 16.48
CIELCh	58, 26.833, 142.096
Yxy	25.5989, 0.3103, 0.4016
Android (android.graphics.Color)	4285437037 (0xFF6E946D)
YUV	132.1920, -11.4337, -19.4624
Hunter-Lab	50.5954, -18.7561, 13.8940

# Details

The Hex color **6E946D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **936D94**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A2CAA1**, and **3D613D** is the 20% darker color. If you saturate the color by 10%, you get **60945E**, and if you desaturate by 10%, it is **7C947C**.

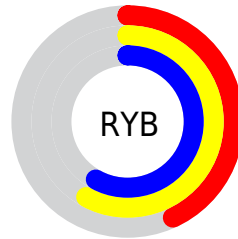
# Distribution



Red (43%)

Green (58%)

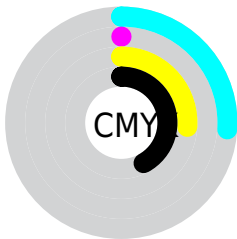
Blue (43%)



Red (43%)

Yellow (58%)

Blue (58%)

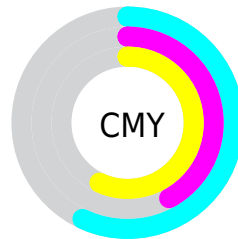


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E946D 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 6E946D by changing the saturation by 10% instead.





6E946D



6E946D

FFFFFF



557A55



A2CAA1



3D613D



BEE6BC



264927



DAFFD8



0E3212



F6FFF4



001E00



000000



6E946D



6E946D



60945E



7C947C



51944F



8B948B

■ 439441

■ 999499

■ 349432

■ A894A8

■ 269423

■ B694B7

■ 179414

■ C594C6

■ 099405

■ D394D5

■ 049400

■ E194E3

■ F094F2

# Harmonies

## Analogous

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



898E5F



6E946D



539783

# Triad

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



6E946D



628FB8



B97A7A

# Complementary

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



6E946D



936D94

# 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.



B47992



6E946D



8587B6

# Square

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



6E946D



4494AF



A27FA8



B27F66

# Rectangle

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



6E946D



439793



A27FA8



B97982



# Sweetspot

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



6E946D



B0BFB0



94936D



576157



E0E0E0



616161



# Same Dimension

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



6E946D



84BF82



6D947F



434A43



048A00



000A00



# Inverse Universe

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



936D94



BE82BF



946D82



4A434A



86008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 6E946D looks on a white background.

## Color Contrast Check

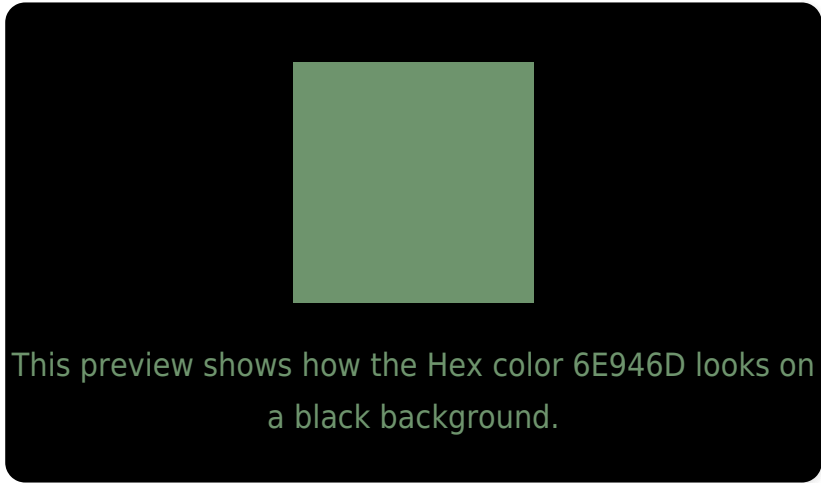
Large Text (above 18pt) WCAG AA ✓ Pass

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

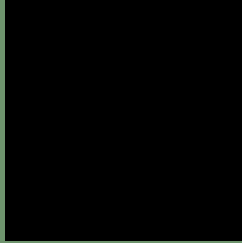
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E946D Background



This preview shows how black text looks on a background with the Hex color 6E946D.



This preview shows how white text looks on a background with the Hex color 6E946D.

# 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](#).

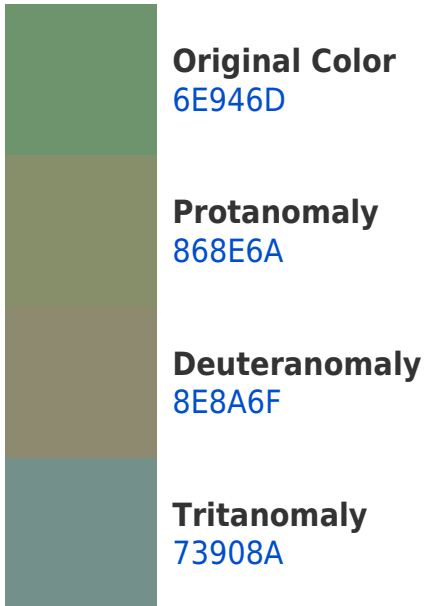
## Dichromacy





**Tritanopia**  
768E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E946D 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 #6E946D looks like.

```
.text, #text, p{  
    color:#6E946D  
}
```

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 #6E946D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E946D
}
```

## Border

The CSS property to change the border of an element to Hex 6E946D 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
#6E946D }
```

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

```
.border{ border-color:#6E946D }
```

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

Here you see how a box with a 4 pixel #6E946D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E946D; -webkit-box-shadow:4px 4px  
4px 4px #6E946D; box-shadow:4px 4px 4px  
4px #6E946D }
```

# Background

The CSS property to change the background color of an element to Hex 6E946D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E946D }
```

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

```
.background{ background-color:#6E946D }
```

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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