

# Converting Colors

Hex(69876B)

Have a look what the booklet for  
Hex(69876B) contains.

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# Color

**Hex(69876B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69876B
RGB	105, 135, 107
RGB Percent	41%, 53%, 42%
CMY	0.5882, 0.4706, 0.5804
CMYK	0.22, 0.00, 0.21, 0.47
HSL	124°, 13%, 47%
HSV	124°, 22%, 53%
XYZ	17.1435, 21.3927, 17.1356
YIQ	122.8380, -8.8920, -15.0680

# Conversions

## Conversions Part 2

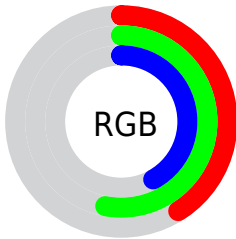
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 133, 135
Decimal	6915947
CIELab	53.38, -16.53, 11.64
CIElCh	53, 20.217, 144.866
Yxy	21.3927, 0.3079, 0.3843
Android (android.graphics.Color)	4285106027 (0xFF69876B)
YUV	122.8380, -7.8081, -15.6439
Hunter-Lab	46.2523, -14.7801, 10.4108

# Details

The Hex color **69876B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **876985**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9DBC9E**, and **39553C** is the 20% darker color. If you saturate the color by 10%, you get **5B875E**, and if you desaturate by 10%, it is **778778**.

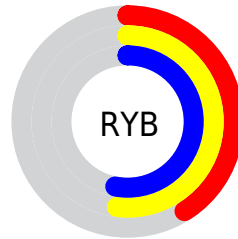
# Distribution



Red (41%)

Green (53%)

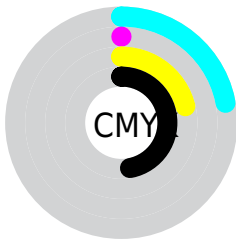
Blue (42%)



Red (41%)

Yellow (52%)

Blue (53%)

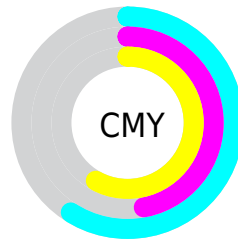


Cyan (22%)

Magenta (0%)

Yellow (21%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69876B 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 69876B by changing the saturation by 10% instead.





69876B



69876B

FFFFFF



506E53



9DBC9E



39553C



B8D8B9



223E26



D4F5D5



0D2811



F0FFF1



001400



000000



69876B



69876B



5B875E



778778



4E8752



848784

■ 418745

■ 928791

■ 338739

■ 9F879D

■ 25872C

■ AC87AA

■ 18871F

■ BA87B7

■ 0A8713

■ C787C3

■ 008709

■ D587D0

■ E387DC

# Harmonies

## Analogous

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



7D8360



69876B



57897C

# Triad

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



69876B



6682A2



A37472

# Complementary

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



69876B



876985

# 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.



A07383



69876B



7E7C9F

# Square

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



69876B



52879B



937694



9D7864

# Rectangle

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



69876B



4F8988



937694



A37377



# Sweetspot

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



69876B



A4B0A4



858769



525953



D9D9D9



595959



# Same Dimension

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



69876B



80B084



69877A



3C423C



008209



000300



# Inverse Universe

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



876985



B080AD



876976



423C42



820079



030002



# Previews

## White Background



This preview shows how the Hex color 69876B looks on a white background.

## Color Contrast Check

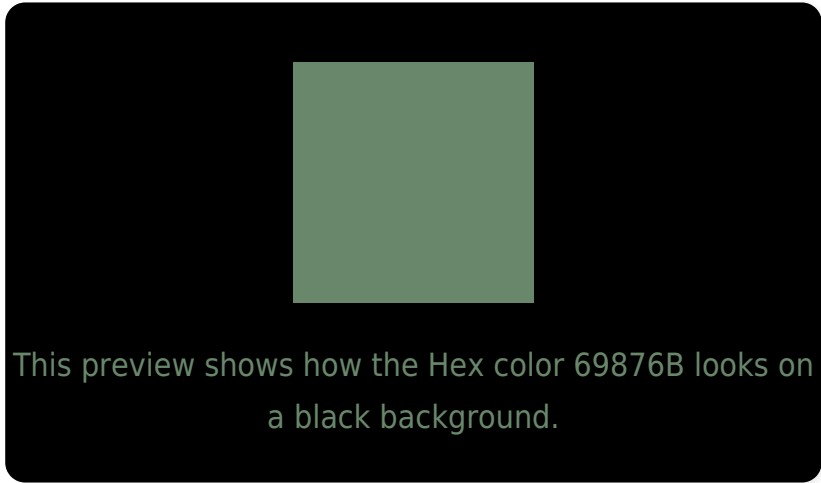
Large Text (above 18pt) WCAG AA ✓ Pass

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

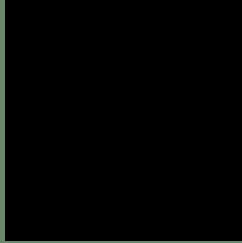
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 69876B Background



This preview shows how black text looks on a background with the Hex color 69876B.



This preview shows how white text looks on a background with the Hex color 69876B.

# 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](#).

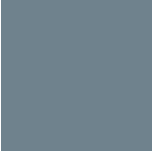
## Dichromacy



**Original Color**  
69876B

**Protanopia**  
877F67

**Deuteranopia**  
927A6E



**Tritanopia**  
6F828D

# Trichromacy



**Original Color**  
69876B

**Protanomaly**  
7C8268

**Deuteranomaly**  
837F6D

**Tritanomaly**  
6D8481

# Monochromacy



**Original Color**  
69876B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
747F75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69876B 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 #69876B looks like.

```
.text, #text, p{  
    color:#69876B  
}
```

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 #69876B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69876B
}
```

## Border

The CSS property to change the border of an element to Hex 69876B 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
#69876B }
```

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

```
.border{ border-color:#69876B }
```

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

Here you see how a box with a 4 pixel #69876B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69876B; -webkit-box-shadow:4px 4px  
4px 4px #69876B; box-shadow:4px 4px 4px  
4px #69876B }
```

# Background

The CSS property to change the background color of an element to Hex 69876B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69876B }
```

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

```
.background{ background-color:#69876B }
```

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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