

# Converting Colors

Hex(67826B)

Have a look what the booklet for  
Hex(67826B) contains.

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**Color**

**Hex(67826B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67826B
RGB	103, 130, 107
RGB Percent	40%, 51%, 42%
CMY	0.5961, 0.4902, 0.5804
CMYK	0.21, 0.00, 0.18, 0.49
HSL	129°, 12%, 46%
HSV	129°, 21%, 51%
XYZ	16.2300, 19.9104, 16.8976
YIQ	119.3050, -8.7090, -12.8770

# Conversions

## Conversions Part 2

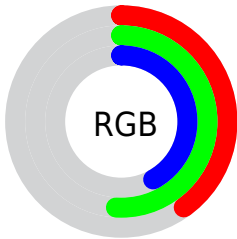
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 127, 130
Decimal	6783595
CIE Lab	51.74, -14.57, 9.31
CIE LCh	52, 17.290, 147.429
Yxy	19.9104, 0.3060, 0.3754
Android (android.graphics.Color)	4284973675 (0xFF67826B)
YUV	119.3050, -6.0664, -14.2995
Hunter-Lab	44.6210, -13.1611, 8.7821

# Details

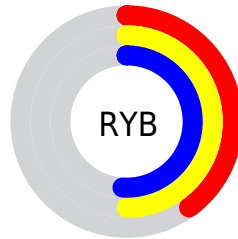
The Hex color **67826B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **82677E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9AB79E**, and **37513C** is the 20% darker color. If you saturate the color by 10%, you get **5A8260**, and if you desaturate by 10%, it is **748276**.

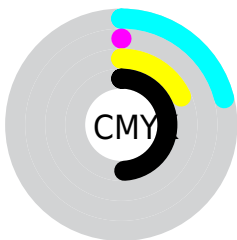
# Distribution



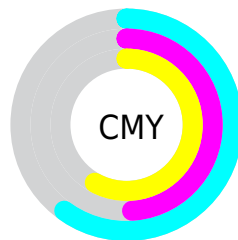
- Red (40%)
- Green (51%)
- Blue (42%)



- Red (40%)
- Yellow (50%)
- Blue (51%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67826B 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 67826B by changing the saturation by 10% instead.



67826B

67826B

FFFFFF

4F6953

9AB79E

37513C

B5D3B9

213A26

D1EFD5

0C2411

EDFFF1

000C00

000000

67826B

67826B

5A8260

748276

4D8255

818281

■ 40824A

■ 8E828C

■ 33823F

■ 9B8297

■ 268234

■ A882A2

■ 198229

■ B582AD

■ 0C821D

■ C282B9

■ 008213

■ CF82C4

■ DC82CF

# Harmonies

## Analogous

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



787F61



67826B



588479

# Triad

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



67826B



687D99



9A726E

# Complementary

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



67826B



82677E

# 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.



98717D



67826B



7C7895

# Square

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



67826B



588194



8D738B



947563

# Rectangle

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



67826B



538484



8D738B



9A7173



# Sweetspot

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



67826B



9EA8A0



7E8267



4E544F



D4D4D4



545454



# Same Dimension

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



67826B



7EA884



678278



39403A



008013



000000



# Inverse Universe

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



82677E



A87EA2



826771



40393F



80006D



000000



# Previews

## White Background



This preview shows how the Hex color 67826B looks on a white background.

## Color Contrast Check

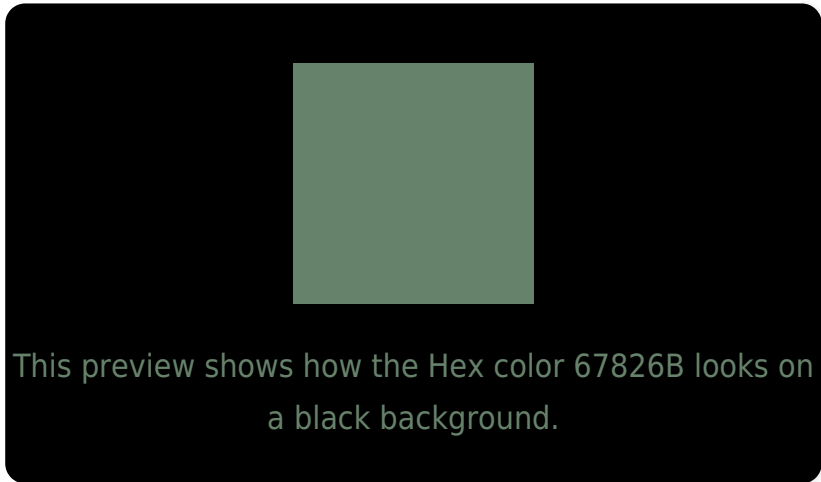
Large Text (above 18pt) WCAG AA ✓ Pass

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

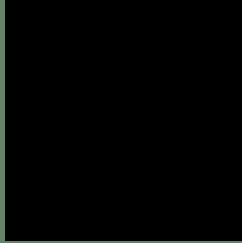
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 67826B Background



This preview shows how black text looks on a background with the Hex color 67826B.

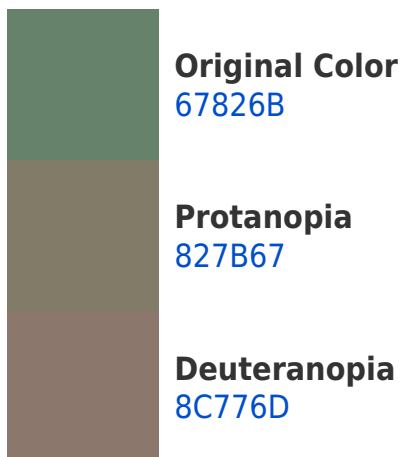


This preview shows how white text looks on a background with the Hex color 67826B.

# 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**  
6C7E88

# Trichromacy



**Original Color**  
67826B

**Protanomaly**  
787E68

**Deuteranomaly**  
7F7B6C

**Tritanomaly**  
6A7F7D

# Monochromacy



**Original Color**  
67826B

**Achromatopsia**  
777777

**Achromatomaly**  
717B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67826B 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 #67826B looks like.

```
.text, #text, p{  
    color:#67826B  
}
```

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 #67826B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67826B
}
```

## Border

The CSS property to change the border of an element to Hex 67826B 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
#67826B }
```

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

```
.border{ border-color:#67826B }
```

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

Here you see how a box with a 4 pixel #67826B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67826B; -webkit-box-shadow:4px 4px  
4px 4px #67826B; box-shadow:4px 4px 4px  
4px #67826B }
```

# Background

The CSS property to change the background color of an element to Hex 67826B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67826B }
```

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

```
.background{ background-color:#67826B }
```

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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