

# Converting Colors

Hex(69677B)

Have a look what the booklet for  
Hex(69677B) contains.

<b>Hex(69677B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(69677B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69677B
RGB	105, 103, 123
RGB Percent	41%, 40%, 48%
CMY	0.5882, 0.5961, 0.5176
CMYK	0.15, 0.16, 0.00, 0.52
HSL	246°, 9%, 44%
HSV	246°, 16%, 48%
XYZ	14.2511, 14.1338, 20.7159
YIQ	105.8780, -5.2280, 6.6440

# Conversions

## Conversions Part 2

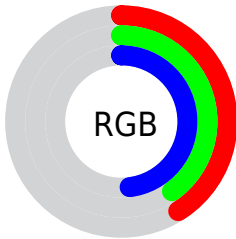
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 103, 123
Decimal	6907771
CIE Lab	44.42, 5.18, -10.85
CIE LCh	44, 12.023, 295.513
Yxy	14.1338, 0.2902, 0.2879
Android (android.graphics.Color)	4285097851 (0xFF69677B)
YUV	105.8780, 8.4411, -0.7700
Hunter-Lab	37.5950, 1.8727, -6.3540

# Details

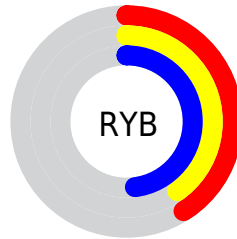
The Hex color **69677B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **797B67**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9C9AAF**, and **3A384A** is the 20% darker color. If you saturate the color by 10%, you get **5E5B7B**, and if you desaturate by 10%, it is **74737B**.

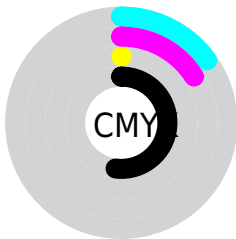
# Distribution



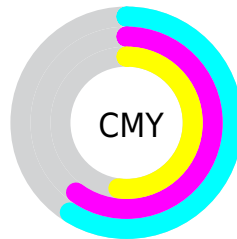
- Red (41%)
- Green (40%)
- Blue (48%)



- Red (41%)
- Yellow (40%)
- Blue (48%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (60%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69677B 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 69677B by changing the saturation by 10% instead.



■ 69677B

■ 69677B

FFFFFF

■ 514F62

■ 9C9AAF

■ 3A384A

■ B7B5CB

■ 242334

■ D3D0E7

■ 100D1F

■ EFEDFF

■ 000003

■ 000000

■ 69677B

■ 69677B

■ 5E5B7B

■ 74737B

■ 534E7B

■ 7F807B

48427B

8A8C7B

3D367B

95987B

322A7B

A0A57B

271D7B

ABB17B

1C117B

B6BD7B

10057B

C2C97B

0C007B

CDD67B

# Harmonies

## Analogous

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



5C6A7D



69677B



756474

# Triad

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



69677B



7A6559



536F67

# Complementary

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



69677B



797B67

# 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.



5C6E5D



69677B



726855

# Square

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



69677B



7E6361



686B57



4E6F71

# Rectangle

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



69677B



7A636E



686B57



566F64



# Sweetspot

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



69677B



9999A1



67797B



4D4D52



D1D1D1



525252



# Same Dimension

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



69677B



8481A1



73677B



38373D



0C007D



1900FC



# Inverse Universe

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



7B6779



A1819D



6F7B67



3D373D



7D0070



FC00E3



# Previews

## White Background



This preview shows how the Hex color 69677B looks on a white background.

## Color Contrast Check

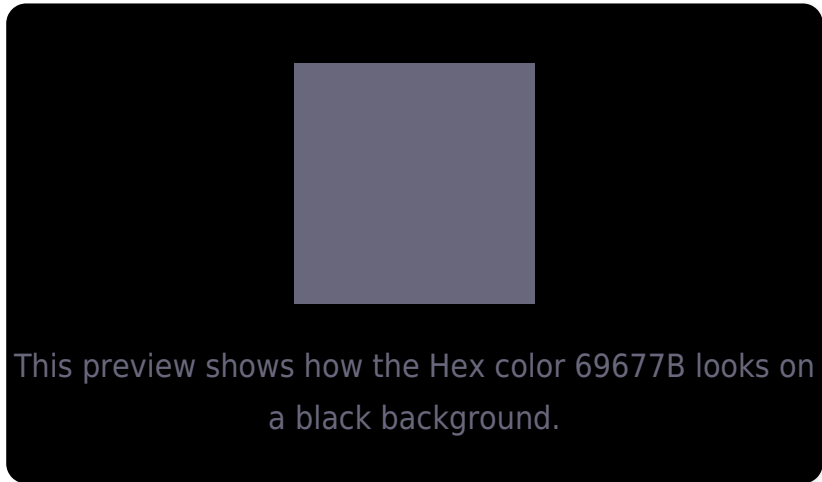
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

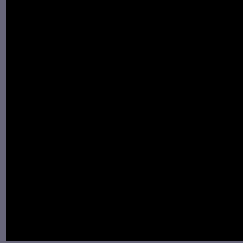
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 69677B Background



This preview shows how black text looks on a background with the Hex color 69677B.



This preview shows how white text looks on a background with the Hex color 69677B.

# 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**  
69677B

**Protanopia**  
65687C

**Deuteranopia**  
6A677B



**Tritanopia**  
676971

# Trichromacy



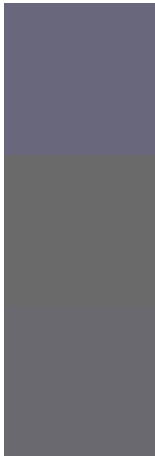
**Original Color**  
69677B

**Protanomaly**  
66687C

**Deuteranomaly**  
6A677B

**Tritanomaly**  
686875

# Monochromacy



**Original Color**  
69677B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6A6970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69677B 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 #69677B looks like.

```
.text, #text, p{  
    color:#69677B  
}
```

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 #69677B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69677B
}
```

## Border

The CSS property to change the border of an element to Hex 69677B is called "border". The border property can be set on classes, ids or directly on the HTML element.

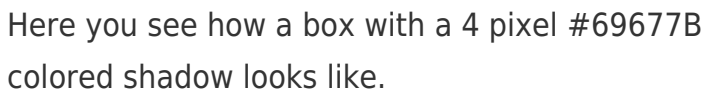
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69677B }
```

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

```
.border{ border-color:#69677B }
```

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



Here you see how a box with a 4 pixel #69677B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69677B; -webkit-box-shadow:4px 4px  
4px 4px #69677B; box-shadow:4px 4px 4px  
4px #69677B }
```

# Background

The CSS property to change the background color of an element to Hex 69677B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69677B }
```

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

```
.background{ background-color:#69677B }
```

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