

# Converting Colors

Hex(69687B)

Have a look what the booklet for  
Hex(69687B) contains.

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# Color

Hex(69687B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69687B
RGB	105, 104, 123
RGB Percent	41%, 41%, 48%
CMY	0.5882, 0.5922, 0.5176
CMYK	0.15, 0.15, 0.00, 0.52
HSL	243°, 8%, 45%
HSV	243°, 15%, 48%
XYZ	14.3512, 14.3339, 20.7492
YIQ	106.4650, -5.5030, 6.1210

# Conversions

## Conversions Part 2

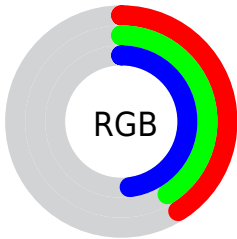
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 104, 123
Decimal	6908027
CIE <sub>Lab</sub>	44.71, 4.58, -10.42
CIE <sub>LCh</sub>	45, 11.383, 293.700
Yxy	14.3339, 0.2903, 0.2900
Android (android.graphics.Color)	4285098107 (0xFF69687B)
YUV	106.4650, 8.1518, -1.2848
Hunter-Lab	37.8602, 1.4063, -5.9917

# Details

The Hex color **69687B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7B68**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9C9BAF**, and **3A394A** is the 20% darker color. If you saturate the color by 10%, you get **5D5C7B**, and if you desaturate by 10%, it is **75747B**.

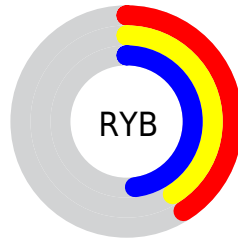
# Distribution



Red (41%)

Green (41%)

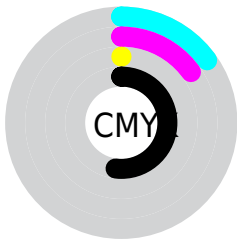
Blue (48%)



Red (41%)

Yellow (41%)

Blue (48%)

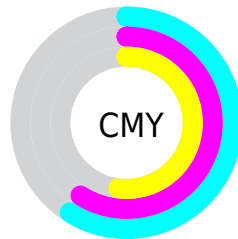


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (59%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69687B 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 69687B by changing the saturation by 10% instead.



■ 69687B

■ 69687B

FFFFFF

■ 515062

■ 9C9BAF

■ 3A394A

■ B7B6CB

■ 242434

■ D3D1E7

■ 100E1F

■ EFEEFF

■ 000003

■ 000000

■ 69687B

■ 69687B

■ 5D5C7B

■ 75747B

■ 524F7B

■ 80817B

46437B

8C8D7B

3A377B

98997B

2F2A7B

A3A67B

231E7B

AFB27B

17127B

BBBE7B

0C067B

C6CA7B

06007B

D2D77B

# Harmonies

## Analogous

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



5D6B7C



69687B



746575

# Triad

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



69687B



7B655B



556F67

# Complementary

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



69687B



7A7B68

# 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.



5E6E5E



69687B



736857

# Square

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



69687B



7E6463



696B58



516F71

# Rectangle

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



69687B



7A646F



696B58



586F64



# Sweetspot

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



69687B



9999A1



687A7B



4D4D52



D1D1D1



525252



# Same Dimension

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



69687B



8482A1



72687B



37373D



07007D



0D00FC



# Inverse Universe

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



7B687A



A1829F



717B68



3D373D



7D0076



FC00EF



# Previews

## White Background



This preview shows how the Hex color 69687B looks on a white background.

## Color Contrast Check

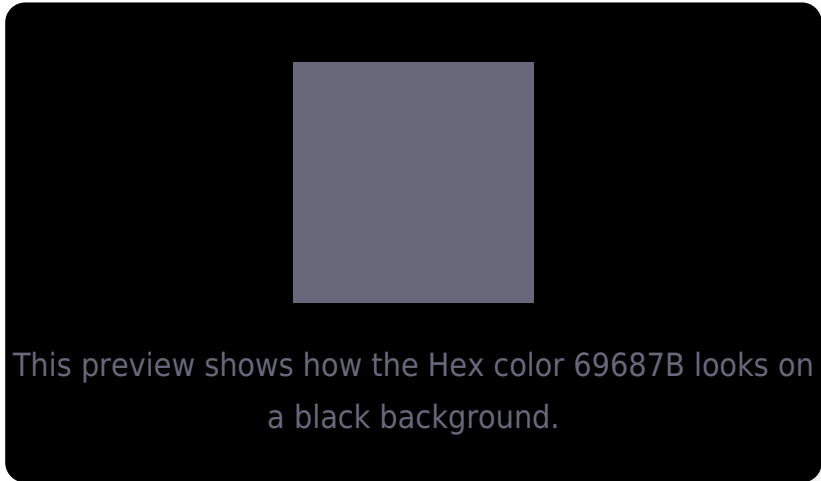
Large Text (above 18pt) WCAG AA ✓ Pass

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

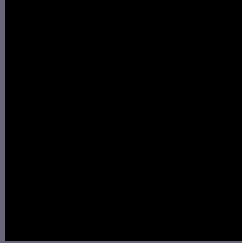
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

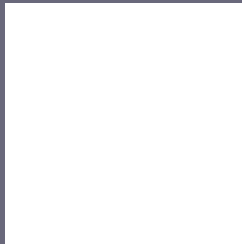
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69687B Background



This preview shows how black text looks on a background with the Hex color 69687B.

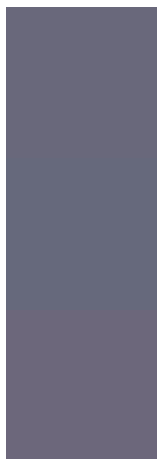


This preview shows how white text looks on a background with the Hex color 69687B.

# 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**  
69687B

**Protanopia**  
66697C

**Deuteranopia**  
6C677B



**Tritanopia**  
676A72

# Trichromacy



**Original Color**  
69687B

**Protanomaly**  
67697C

**Deuteranomaly**  
6B677B

**Tritanomaly**  
686975

# Monochromacy



**Original Color**  
69687B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6A6970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69687B 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 #69687B looks like.

```
.text, #text, p{  
    color:#69687B  
}
```

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 #69687B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69687B
}
```

## Border

The CSS property to change the border of an element to Hex 69687B 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
#69687B }
```

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

```
.border{ border-color:#69687B }
```

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

Here you see how a box with a 4 pixel #69687B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69687B; -webkit-box-shadow:4px 4px  
4px 4px #69687B; box-shadow:4px 4px 4px  
4px #69687B }
```

# Background

The CSS property to change the background color of an element to Hex 69687B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69687B }
```

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

```
.background{ background-color:#69687B }
```

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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