

# Converting Colors

Hex(69666A)

Have a look what the booklet for  
Hex(69666A) contains.

<b>Hex(69666A)</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(69666A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69666A
RGB	105, 102, 106
RGB Percent	41%, 40%, 42%
CMY	0.5882, 0.6000, 0.5843
CMYK	0.01, 0.04, 0.00, 0.58
HSL	285°, 2%, 41%
HSV	285°, 4%, 42%
XYZ	13.1786, 13.5466, 15.5558
YIQ	103.3530, 0.5040, 1.8800

# Conversions

## Conversions Part 2

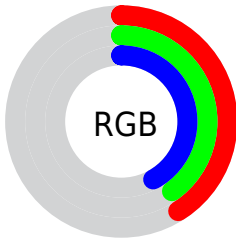
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 102, 106
Decimal	6907498
CIE <sub>Lab</sub>	43.58, 2.00, -1.84
CIE <sub>LCh</sub>	44, 2.715, 317.400
Yxy	13.5466, 0.3117, 0.3204
Android (android.graphics.Color)	4285097578 (0xFF69666A)
YUV	103.3530, 1.3050, 1.4444
Hunter-Lab	36.8057, -0.4966, 0.7052

# Details

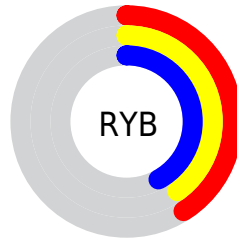
The Hex color **69666A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676A66**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9C999D**, and **3A373B** is the 20% darker color. If you saturate the color by 10%, you get **665B6A**, and if you desaturate by 10%, it is **6C716A**.

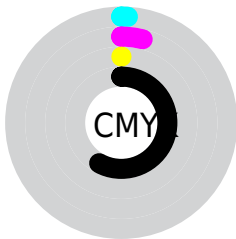
# Distribution



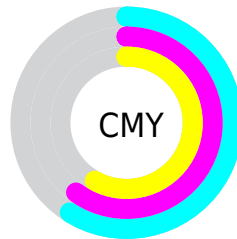
- Red (41%)
- Green (40%)
- Blue (42%)



- Red (41%)
- Yellow (40%)
- Blue (42%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69666A 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 69666A by changing the saturation by 10% instead.





69666A



69666A

FFFFFF



514E52



9C999D



3A373B



B7B4B8



242225



D3CFD4



0F0C10



EFEBF0



000000



69666A



69666A



665B6A



6C716A



64516A



6E7B6A



61466A



71866A

■ 5E3C6A

■ 74906A

■ 5C316A

■ 769B6A

■ 59266A

■ 79A66A

■ 561C6A

■ 7CB06A

■ 54116A

■ 7EBB6A

■ 51076A

■ 81C56A

# Harmonies

## Analogous

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



66676B



69666A



6B6668

# Triad

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



69666A



6A6663



626868

# Complementary

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



69666A



676A66

# 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.



636866



69666A



676763

# Square

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



69666A



6C6664



656864



62686A

# Rectangle

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



69666A



6C6566



656864



626867



# Sweetspot

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



69666A



89888A



66676A



454445



C4C4C4



454545



# Same Dimension

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



69666A



88838A



6A6669



353236



580075



B800F5



# Inverse Universe

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



6A6667



8A8385



666A67



363233



75001D



F5003D



# Previews

## White Background



This preview shows how the Hex color 69666A looks on a white background.

## Color Contrast Check

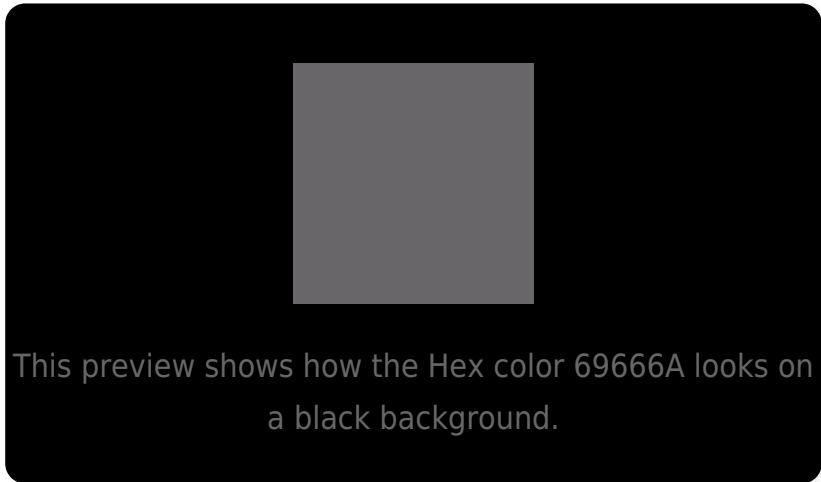
Large Text (above 18pt) WCAG AA ✓ Pass

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

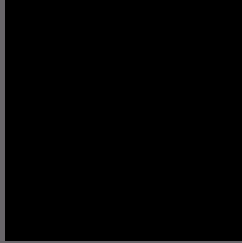
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

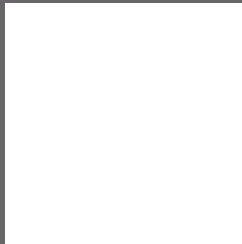
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69666A Background



This preview shows how black text looks on a background with the Hex color 69666A.



This preview shows how white text looks on a background with the Hex color 69666A.

# 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**


69666A

**Protanopia**

68666A

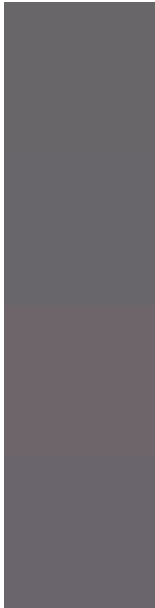
**Deuteranopia**

6F646A



**Tritanopia**  
6A656D

# Trichromacy



**Original Color**

69666A

**Protanomaly**

68666A

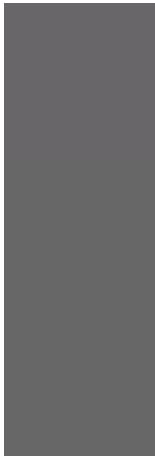
**Deuteranomaly**

6D656A

**Tritanomaly**

6A656C

# Monochromacy



**Original Color**

69666A

**Achromatopsia**

676767

**Achromatomaly**

686768

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69666A 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 #69666A looks like.

```
.text, #text, p{  
    color:#69666A  
}
```

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 #69666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69666A
}
```

## Border

The CSS property to change the border of an element to Hex 69666A is called "border". The border property can be set on classes, ids or directly on the HTML element.

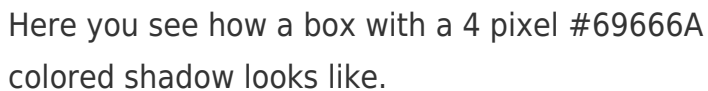
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69666A }
```

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

```
.border{ border-color:#69666A }
```

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



Here you see how a box with a 4 pixel #69666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69666A; -webkit-box-shadow:4px 4px  
4px 4px #69666A; box-shadow:4px 4px 4px  
4px #69666A }
```

# Background

The CSS property to change the background color of an element to Hex 69666A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69666A }
```

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

```
.background{ background-color:#69666A }
```

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