

# Converting Colors

Hex(686B6A)

Have a look what the booklet for  
Hex(686B6A) contains.

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# Color

**Hex(686B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686B6A
RGB	104, 107, 106
RGB Percent	41%, 42%, 42%
CMY	0.5922, 0.5804, 0.5843
CMYK	0.03, 0.00, 0.01, 0.58
HSL	160°, 1%, 41%
HSV	160°, 3%, 42%
XYZ	13.5681, 14.4991, 15.7191
YIQ	105.9890, -1.4670, -0.9470

# Conversions

## Conversions Part 2

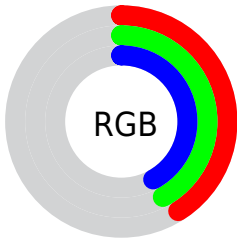
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 106, 107</a>
Decimal	<a href="#">6843242</a>
CIELab	<a href="#">44.94, -1.36, 0.15</a>
CIELCh	<a href="#">45, 1.367, 173.670</a>
Yxy	<a href="#">14.4991, 0.3099, 0.3311</a>
Android (android.graphics.Color)	<a href="#">4285033322 (0xFF686B6A)</a>
YUV	<a href="#">105.9890, 0.0054, -1.7444</a>
Hunter-Lab	<a href="#">38.0776, -3.0312, 2.1783</a>

# Details

The Hex color **686B6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6869**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9B9E9D**, and **393C3B** is the 20% darker color. If you saturate the color by 10%, you get **5D6B66**, and if you desaturate by 10%, it is **736B6E**.

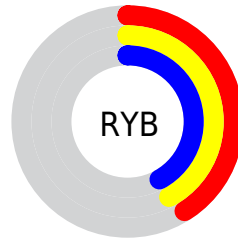
# Distribution



Red (41%)

Green (42%)

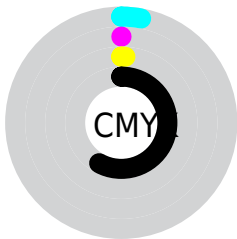
Blue (42%)



Red (41%)

Yellow (42%)

Blue (42%)

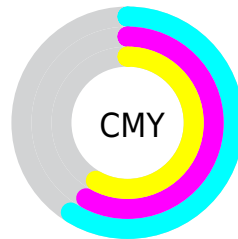


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (58%)



Cyan (59%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686B6A 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 686B6A by changing the saturation by 10% instead.





686B6A



686B6A

FFFFFF



505352



9B9E9D



393C3B



B6B9B8



242625



D1D5D4



0E1110



EEF1F0



000000



686B6A



686B6A



5D6B66



736B6E



536B63



7D6B71



486B5F



886B75

3D6B5C

936B78

336B58

9E6B7C

286B55

A86B7F

1D6B51

B36B83

126B4D

BE6B87

086B4A

C86B8A

# Harmonies

## Analogous

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



696B69



686B6A



686B6B

# Triad

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



686B6A



6A6A6C



6D6A69

# Complementary

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



686B6A



6B6869

# 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.



6D6A69



686B6A



6C6A6C

# Square

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



686B6A



696A6D



6D6A6B



6C6A68

# Rectangle

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



686B6A



686B6C



6D6A6B



6D6A69



# Sweetspot

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



686B6A



8B8C8C



696B68



474747



C7C7C7

# Same Dimension

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



686B6A



888C8B



686A6B



333635



00754E



00F5A3



# Inverse Universe

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



6B6869



8C8889



6B6968



363334



750027



F50052



# Previews

## White Background



This preview shows how the Hex color 686B6A looks on a white background.

## Color Contrast Check

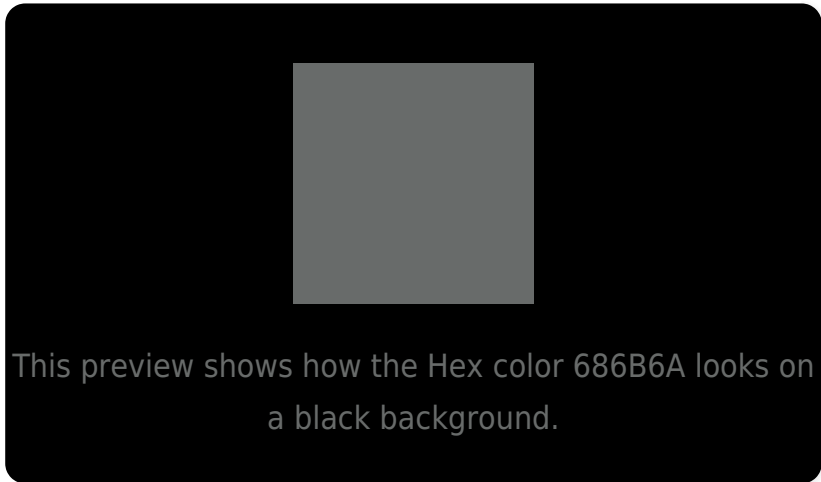
Large Text (above 18pt) WCAG AA ✓ Pass

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

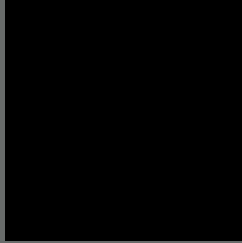
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

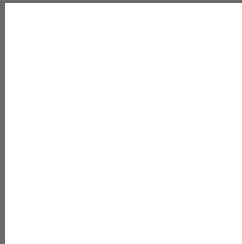
Any Text WCAG AAA × Fail

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

## Hex 686B6A Background



This preview shows how black text looks on a background with the Hex color 686B6A.



This preview shows how white text looks on a background with the Hex color 686B6A.



# 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**

686B6A

**Protanopia**

6C6A69

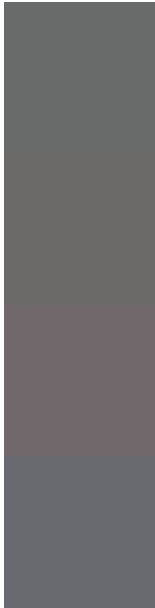
**Deuteranopia**

74676B



**Tritanopia**  
696A72

# Trichromacy



**Original Color**

686B6A

**Protanomaly**

6B6A69

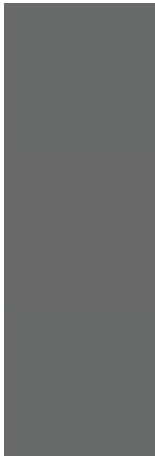
**Deuteranomaly**

70686B

**Tritanomaly**

696A6F

# Monochromacy



**Original Color**

686B6A

**Achromatopsia**

6A6A6A

**Achromatomaly**

696A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686B6A 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 #686B6A looks like.

```
.text, #text, p{  
    color:#686B6A  
}
```

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 #686B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B6A
}
```

## Border

The CSS property to change the border of an element to Hex 686B6A 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
#686B6A }
```

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

```
.border{ border-color:#686B6A }
```

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

Here you see how a box with a 4 pixel #686B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B6A; -webkit-box-shadow:4px 4px  
4px 4px #686B6A; box-shadow:4px 4px 4px  
4px #686B6A }
```

# Background

The CSS property to change the background color of an element to Hex 686B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B6A }
```

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

```
.background{ background-color:#686B6A }
```

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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