

# Converting Colors

Hex(6C686B)

Have a look what the booklet for  
Hex(6C686B) contains.

<b>Hex(6C686B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# Color

**Hex(6C686B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C686B
RGB	108, 104, 107
RGB Percent	42%, 41%, 42%
CMY	0.5765, 0.5922, 0.5804
CMYK	0.00, 0.04, 0.01, 0.58
HSL	315°, 2%, 42%
HSV	315°, 4%, 42%
XYZ	13.7885, 14.1503, 15.9145
YIQ	105.5380, 1.4210, 1.7810

# Conversions

## Conversions Part 2

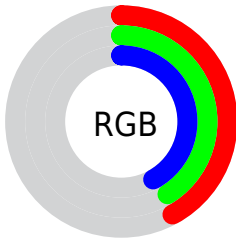
Format	Color
R <sub>Y</sub> B	108, 104, 107
Decimal	7104619
CIE Lab	44.45, 2.17, -1.13
CIE LCh	44, 2.448, 332.480
Yxy	14.1503, 0.3144, 0.3227
Android (android.graphics.Color)	4285294699 (0xFF6C686B)
YUV	105.5380, 0.7208, 2.1592
Hunter-Lab	37.6169, -0.4003, 1.2482

# Details

The Hex color **6C686B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686C69**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9F9B9E**, and **3D393C** is the 20% darker color. If you saturate the color by 10%, you get **6C5D68**, and if you desaturate by 10%, it is **6C736E**.

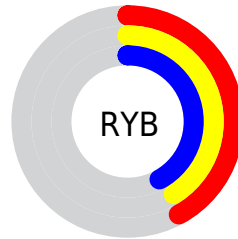
# Distribution



Red (42%)

Green (41%)

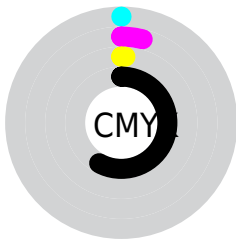
Blue (42%)



Red (42%)

Yellow (41%)

Blue (42%)

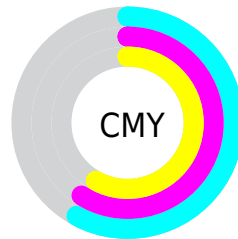


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C686B 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 6C686B by changing the saturation by 10% instead.





6C686B



6C686B

FFFFFF



545053



9F9B9E



3D393C



BAB6B9



272426



D6D1D5



120E11



F2EEF1



000000



6C686B



6C686B



6C5D68



6C736E



6C5266



6C7E70



6C4863



6C8873

6C3D60

6C9376

6C325E

6C9E78

6C275B

6CA97B

6C1C58

6CB47E

6C1255

6CBE81

6C0753

6CC983

# Harmonies

## Analogous

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



6A696D



6C686B



6D6869

# Triad

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



6C686B



6B6965



646A6B

# Complementary

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



6C686B



686C69

# 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.



656A69



6C686B



686A66

# Square

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



6C686B



6D6866



666A67



656A6D

# Rectangle

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



6C686B



6E6868



666A67



646A6B



# Sweetspot

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



6C686B



8C8B8C



69686C



474747



C7C7C7

# Same Dimension

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



6C686B



8C878B



6C6869



363335



750058



F500B8



# Inverse Universe

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



6C686B



8C878B



686C6B



363335



750058



F500B8



# Previews

## White Background



This preview shows how the Hex color 6C686B looks on a white background.

## Color Contrast Check

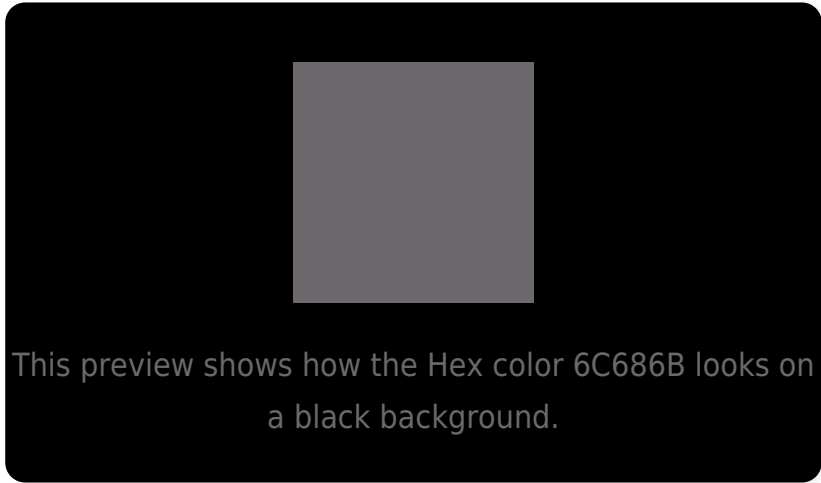
Large Text (above 18pt) WCAG AA ✓ Pass

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

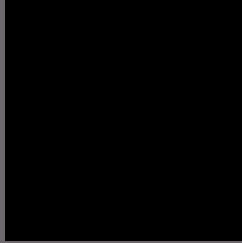
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

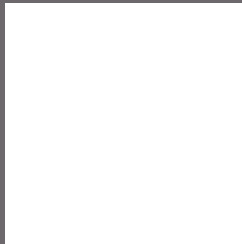
Any Text WCAG AAA × Fail

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

## Hex 6C686B Background



This preview shows how black text looks on a background with the Hex color 6C686B.



This preview shows how white text looks on a background with the Hex color 6C686B.



# 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**  
6C686B

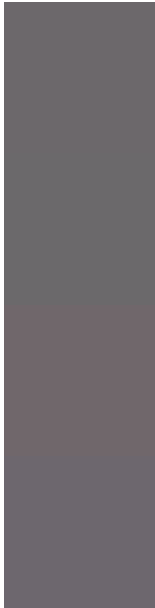
**Protanopia**  
6A696B

**Deuteranopia**  
72666B



**Tritanopia**  
6D676F

# Trichromacy



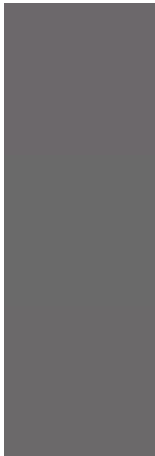
**Original Color**  
6C686B

**Protanomaly**  
6B696B

**Deuteranomaly**  
70676B

**Tritanomaly**  
6D676E

# Monochromacy



**Original Color**  
6C686B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6B696A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C686B 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 #6C686B looks like.

```
.text, #text, p{  
    color:#6C686B  
}
```

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 #6C686B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C686B  
}
```

## Border

The CSS property to change the border of an element to Hex 6C686B is called "border". The border property can be set on classes, ids or directly on the HTML element.

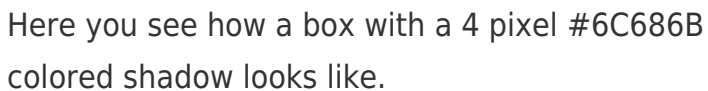
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C686B }
```

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

```
.border{ border-color:#6C686B }
```

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



Here you see how a box with a 4 pixel #6C686B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C686B; -webkit-box-shadow:4px 4px  
4px 4px #6C686B; box-shadow:4px 4px 4px  
4px #6C686B }
```

# Background

The CSS property to change the background color of an element to Hex 6C686B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C686B }
```

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

```
.background{ background-color:#6C686B }
```

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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