

# Converting Colors

Hex(6B686B)

Have a look what the booklet for  
Hex(6B686B) contains.

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# Color

**Hex(6B686B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B686B
RGB	107, 104, 107
RGB Percent	42%, 41%, 42%
CMY	0.5804, 0.5922, 0.5804
CMYK	0.00, 0.03, 0.00, 0.58
HSL	300°, 1%, 41%
HSV	300°, 3%, 42%
XYZ	13.6676, 14.0880, 15.9088
YIQ	105.2390, 0.8250, 1.5690

# Conversions

## Conversions Part 2

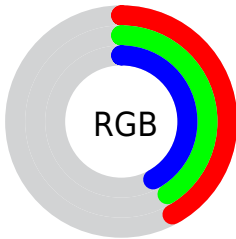
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 104, 107
Decimal	7039083
CIELab	44.36, 1.78, -1.27
CIElCh	44, 2.191, 324.512
Yxy	14.0880, 0.3130, 0.3226
Android (android.graphics.Color)	4285229163 (0xFF6B686B)
YUV	105.2390, 0.8682, 1.5444
Hunter-Lab	37.5339, -0.6856, 1.1436

# Details

The Hex color **6B686B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686B68**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9E9B9E**, and **3C393C** is the 20% darker color. If you saturate the color by 10%, you get **6B5D6B**, and if you desaturate by 10%, it is **6B736B**.

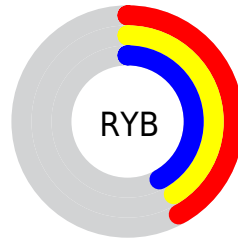
# Distribution



Red (42%)

Green (41%)

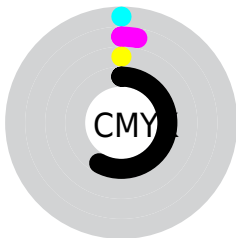
Blue (42%)



Red (42%)

Yellow (41%)

Blue (42%)

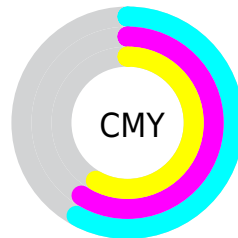


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B686B 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 6B686B by changing the saturation by 10% instead.





6B686B



6B686B

FFFFFF



535053



9E9B9E



3C393C



B9B6B9



262426



D5D1D5



110E11



F1EEF1



000000



6B686B



6B686B



6B5D6B



6B736B



6B536B



6B7D6B



6B486B




6B886B

 6B3D6B

 6B936B

 6B336B

 6B9E6B

 6B286B

 6BA86B

 6B1D6B

 6BB36B

 6B126B

 6BBE6B

 6B086B

 6BC86B

# Harmonies

## Analogous

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



69696C



6B686B



6C6869

# Triad

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



6B686B



6B6965



656A6A

# Complementary

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



6B686B



686B68

# 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.



656A68



6B686B



696966

# Square

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



6B686B



6C6866



676A67



656A6C

# Rectangle

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



6B686B



6D6868



676A67



656A6A



# Sweetspot

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



6B686B



8C8B8C



68686B



474747



C7C7C7

# Same Dimension

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



6B686B



8C888C



6B686A



363336



750075



F500F5



# Inverse Universe

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



6B686B



8C888C



686B6A



363336



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 6B686B looks on a white background.

## Color Contrast Check

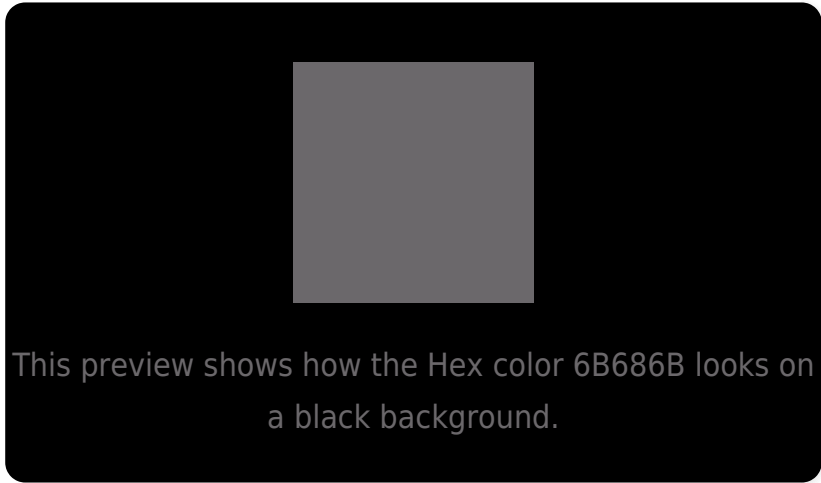
Large Text (above 18pt) WCAG AA ✓ Pass

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

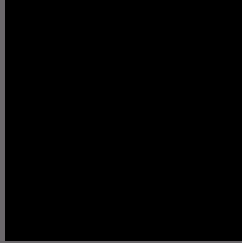
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

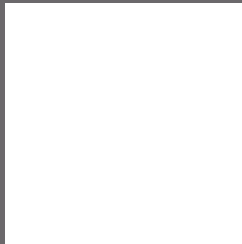
Any Text WCAG AAA × Fail

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

## Hex 6B686B Background



This preview shows how black text looks on a background with the Hex color 6B686B.



This preview shows how white text looks on a background with the Hex color 6B686B.



# 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**  
6B686B

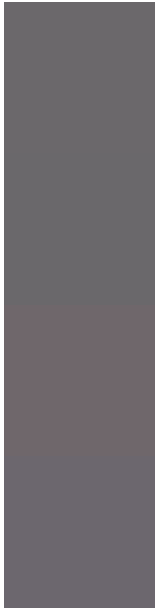
**Protanopia**  
6A686B

**Deuteranopia**  
72666B



**Tritanopia**  
6C676F

# Trichromacy



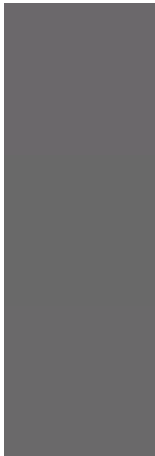
**Original Color**  
6B686B

**Protanomaly**  
6A686B

**Deuteranomaly**  
6F676B

**Tritanomaly**  
6C676E

# Monochromacy



**Original Color**  
6B686B

**Achromatopsia**  
696969

**Achromatomaly**  
6A696A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B686B 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 #6B686B looks like.

```
.text, #text, p{  
    color:#6B686B  
}
```

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 #6B686B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B686B
}
```

## Border

The CSS property to change the border of an element to Hex 6B686B 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
#6B686B }
```

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

```
.border{ border-color:#6B686B }
```

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

Here you see how a box with a 4 pixel #6B686B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B686B; -webkit-box-shadow:4px 4px  
4px 4px #6B686B; box-shadow:4px 4px 4px  
4px #6B686B }
```

# Background

The CSS property to change the background color of an element to Hex 6B686B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B686B }
```

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

```
.background{ background-color:#6B686B }
```

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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