

Converting Colors

Hex(6B6C6F)

Have a look what the booklet for
Hex(6B6C6F) contains.

Hex(6B6C6F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B6C6F)

Conversions

Conversions Part 1

Format	Color
Hex	6B6C6F
RGB	107, 108, 111
RGB Percent	42%, 42%, 44%
CMY	0.5804, 0.5765, 0.5647
CMYK	0.04, 0.03, 0.00, 0.56
HSL	225°, 2%, 43%
HSV	225°, 4%, 44%
XYZ	14.2952, 14.9986, 17.1805
YIQ	108.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

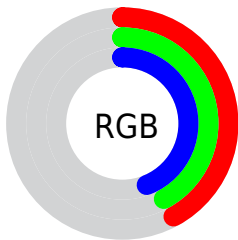
Format	Color
RYB	107, 108, 111
Decimal	7040111
CIELab	45.63, 0.24, -1.81
CIELCh	46, 1.828, 277.700
Yxy	14.9986, 0.3076, 0.3227
Android (android.graphics.Color)	4285230191 (0xFF6B6C6F)
YUV	108.0430, 1.4578, -0.9147
Hunter-Lab	38.7281, -1.8866, 0.8075

Details

The Hex color **6B6C6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6E6B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9E9FA3**, and **3C3D3F** is the 20% darker color. If you saturate the color by 10%, you get **60646F**, and if you desaturate by 10%, it is **76746F**.

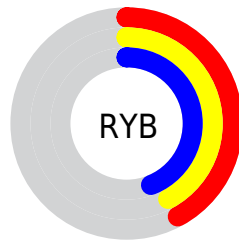
Distribution



Red (42%)

Green (42%)

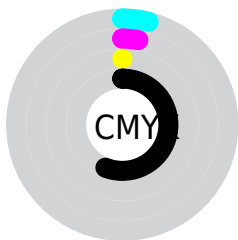
Blue (44%)



Red (42%)

Yellow (42%)

Blue (44%)

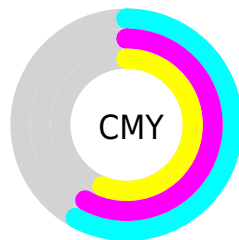


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6C6F 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 6B6C6F by changing the saturation by 10% instead.



6B6C6F



6B6C6F

FFFFFF



535457



9E9FA3



3C3D3F



B9BABE



26272A



D5D6D9



111215



F1F2F6



000000



6B6C6F



6B6C6F



60646F



76746F



555B6F



817D6F



4A536F



8C856F

■ 3F4B6F

■ 978D6F

■ 34426F

■ A3966F

■ 283A6F

■ AE9E6F

■ 1D326F

■ B9A66F

■ 12296F

■ C4AF6F

■ 07216F

■ CFB76F

Harmonies

Analogous

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



696C6F



6B6C6F



6D6C6E

Triad

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



6B6C6F



6F6B6A



6A6D6B

Complementary

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



6B6C6F



6F6E6B

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.



6B6D6A



6B6C6F



6F6C69

Square

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



6B6C6F



6F6B6C



6D6C69



696D6C

Rectangle

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



6B6C6F



6E6B6E



6D6C69



6A6D6A

Sweetspot

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



6B6C6F



909091



6B6F6E



49494A



C9C9C9



4A4A4A

Same Dimension

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



6B6C6F



8C8D91



6C6B6F



353638



001E78



003EF7

Inverse Universe

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



6F6B6C



918C8D



6E6F6B



383536



78001E



F7003E

Previews

White Background



This preview shows how the Hex color 6B6C6F looks on a white background.

Color Contrast Check

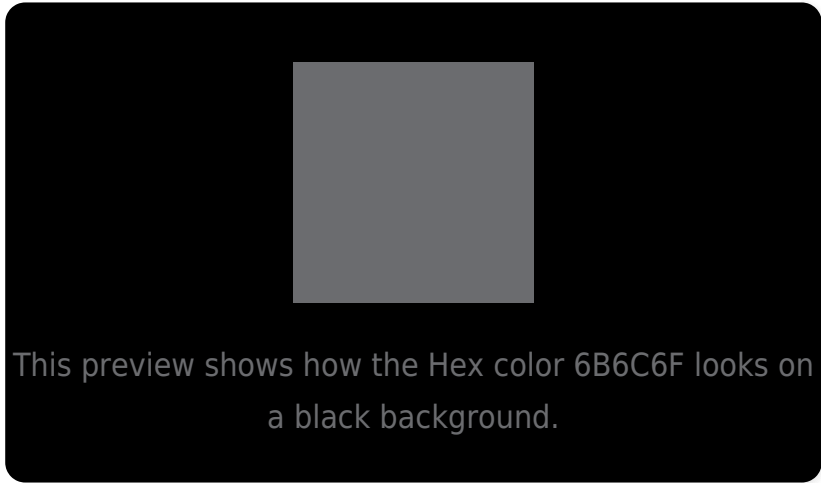
Large Text (above 18pt) WCAG AA ✓ Pass

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

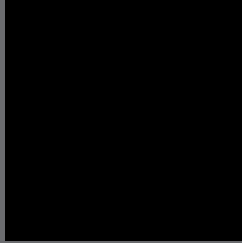
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

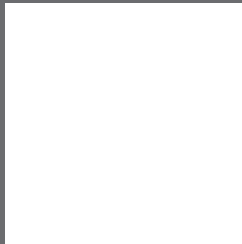
Any Text WCAG AAA × Fail

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

Hex 6B6C6F Background



This preview shows how black text looks on a background with the Hex color 6B6C6F.



This preview shows how white text looks on a background with the Hex color 6B6C6F.

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
6B6C6F

Protanopia
6D6B6F

Deuteranopia
756970



Tritanopia
6C6B74

Trichromacy



Original Color

6B6C6F

Protanomaly

6C6B6F

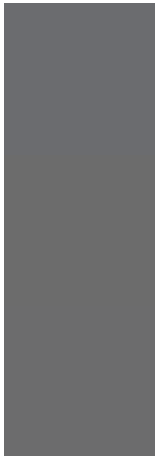
Deuteranomaly

716A70

Tritanomaly

6C6B72

Monochromacy



Original Color

6B6C6F

Achromatopsia

6C6C6C

Achromatomaly

6C6C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6C6F 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 #6B6C6F looks like.

```
.text, #text, p{  
    color:#6B6C6F  
}
```

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 #6B6C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6C6F
}
```

Border

The CSS property to change the border of an element to Hex 6B6C6F 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
#6B6C6F }
```

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

```
.border{ border-color:#6B6C6F }
```

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

Here you see how a box with a 4 pixel #6B6C6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6C6F; -webkit-box-shadow:4px 4px  
4px 4px #6B6C6F; box-shadow:4px 4px 4px  
4px #6B6C6F }
```

Background

The CSS property to change the background color of an element to Hex 6B6C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6C6F }
```

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

```
.background{ background-color:#6B6C6F }
```

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