

Converting Colors

Hex(6B6B70)

Have a look what the booklet for
Hex(6B6B70) contains.

Hex(6B6B70)	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(6B6B70)

Conversions

Conversions Part 1

Format	Color
Hex	6B6B70
RGB	107, 107, 112
RGB Percent	42%, 42%, 44%
CMY	0.5804, 0.5804, 0.5608
CMYK	0.04, 0.04, 0.00, 0.56
HSL	240°, 2%, 43%
HSV	240°, 4%, 44%
XYZ	14.2457, 14.8110, 17.4372
YIQ	107.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

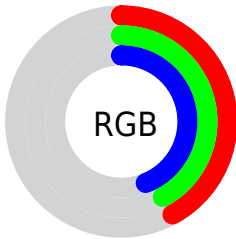
Format	Color
RYB	107, 107, 112
Decimal	7039856
CIELab	45.37, 1.05, -2.79
CIELCh	45, 2.983, 290.608
Yxy	14.8110, 0.3064, 0.3186
Android (android.graphics.Color)	4285229936 (0xFF6B6B70)
YUV	107.5700, 2.1840, -0.4999
Hunter-Lab	38.4851, -1.2750, 0.0759

Details

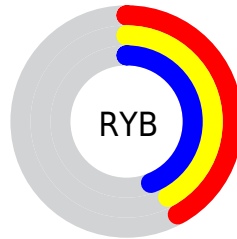
The Hex color **6B6B70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70706B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9E9EA4**, and **3C3C40** is the 20% darker color. If you saturate the color by 10%, you get **606070**, and if you desaturate by 10%, it is **767670**.

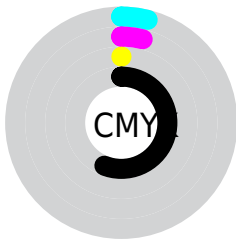
Distribution



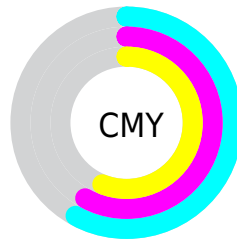
- Red (42%)
- Green (42%)
- Blue (44%)



- Red (42%)
- Yellow (42%)
- Blue (44%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6B70 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 6B6B70 by changing the saturation by 10% instead.

■ 6B6B70

■ 6B6B70

FFFFFF

■ 535358

■ 9E9EA4

■ 3C3C40

■ B9B9BF

■ 26262A

■ D5D5DB

■ 111116

■ F1F1F7

■ 000000

■ 6B6B70

■ 6B6B70

■ 606070

■ 767670

■ 555570

■ 818170

■ 494970

■ 8D8D70

■ 3E3E70

■ 989870

■ 333370

■ A3A370

■ 282870

■ AEAE70

■ 1D1D70

■ B9B970

■ 111170

■ C5C570

■ 060670

■ D0D070

Harmonies

Analogous

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



686C70



6B6B70



6E6A6F

Triad

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



6B6B70



706A68



666D6A

Complementary

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



6B6B70



70706B

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.



696C68



6B6B70



6E6B67

Square

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



6B6B70



716A6A



6C6C67



656D6D

Rectangle

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



6B6B70



706A6D



6C6C67



676D6A

Sweetspot

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



6B6B70



909091



6B7070



49494A



C9C9C9



4A4A4A

Same Dimension

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



6B6B70



8A8A91



6E6B70



353538



000078



0000F7

Inverse Universe

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



706B70



918A91



6E706B



383538



780078



F700F7

Previews

White Background



This preview shows how the Hex color 6B6B70 looks on a white background.

Color Contrast Check

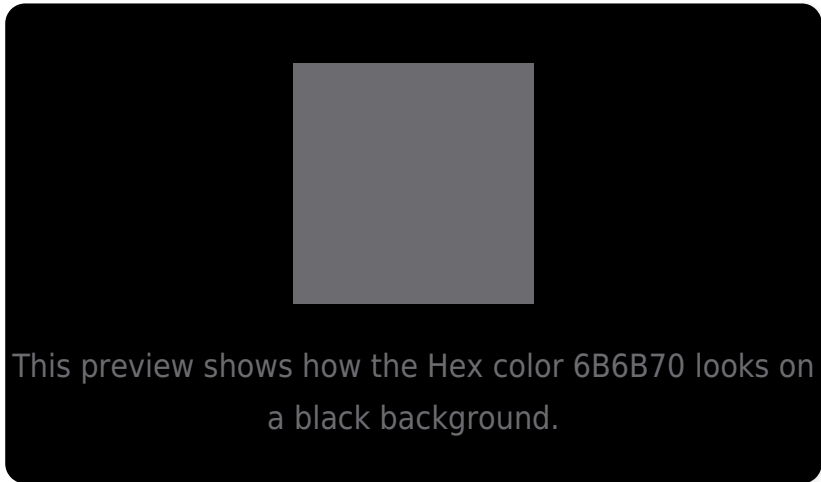
Large Text (above 18pt) WCAG AA ✓ Pass

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

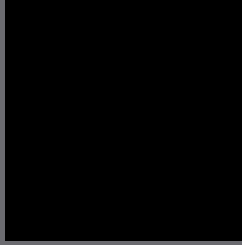
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

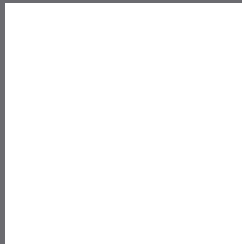
Any Text WCAG AAA × Fail

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

Hex 6B6B70 Background



This preview shows how black text looks on a background with the Hex color 6B6B70.



This preview shows how white text looks on a background with the Hex color 6B6B70.

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
6B6B70

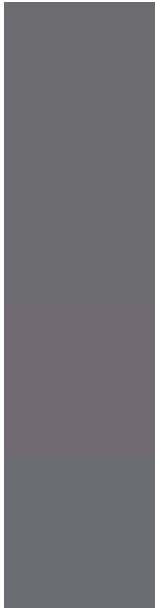
Protanopia
6C6B70

Deuteranopia
736871



Tritanopia
6B6B73

Trichromacy



Original Color
6B6B70

Protanomaly
6C6B70

Deuteranomaly
706971

Tritanomaly
6B6B72

Monochromacy



Original Color
6B6B70

Achromatopsia
6C6C6C

Achromatomaly
6C6C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6B70 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 #6B6B70 looks like.

```
.text, #text, p{  
    color:#6B6B70  
}
```

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 #6B6B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6B70
}
```

Border

The CSS property to change the border of an element to Hex 6B6B70 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
#6B6B70 }
```

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

```
.border{ border-color:#6B6B70 }
```

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

Here you see how a box with a 4 pixel #6B6B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6B70; -webkit-box-shadow:4px 4px  
4px 4px #6B6B70; box-shadow:4px 4px 4px  
4px #6B6B70 }
```

Background

The CSS property to change the background color of an element to Hex 6B6B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6B70 }
```

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

```
.background{ background-color:#6B6B70 }
```

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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