

Converting Colors

Hex(6B6E71)

Have a look what the booklet for
Hex(6B6E71) contains.

Hex(6B6E71)	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(6B6E71)

Conversions

Conversions Part 1

Format	Color
Hex	6B6E71
RGB	107, 110, 113
RGB Percent	42%, 43%, 44%
CMY	0.5804, 0.5686, 0.5569
CMYK	0.05, 0.03, 0.00, 0.56
HSL	210°, 3%, 43%
HSV	210°, 5%, 44%
XYZ	14.6200, 15.4699, 17.8382
YIQ	109.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

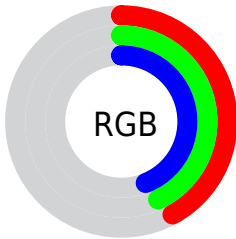
Format	Color
RYB	107, 109, 113
Decimal	7040625
CIELab	46.27, -0.51, -2.07
CIELCh	46, 2.134, 256.161
Yxy	15.4699, 0.3050, 0.3228
Android (android.graphics.Color)	4285230705 (0xFF6B6E71)
YUV	109.4450, 1.7526, -2.1443
Hunter-Lab	39.3318, -2.4807, 0.6424

Details

The Hex color **6B6E71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716E6B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9EA2A5**, and **3C3F41** is the 20% darker color. If you saturate the color by 10%, you get **606871**, and if you desaturate by 10%, it is **767471**.

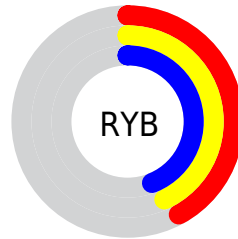
Distribution



Red (42%)

Green (43%)

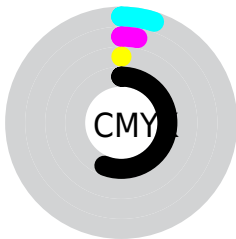
Blue (44%)



Red (42%)

Yellow (43%)

Blue (44%)

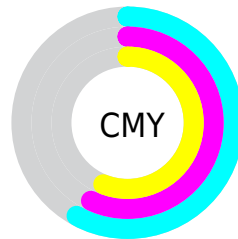


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6E71 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 6B6E71 by changing the saturation by 10% instead.



6B6E71



6B6E71

FFFFFF



535659



9EA2A5



3C3F41



B9BDC0



26292B



D5D8DC



111417



F1F5F8



000000



6B6E71



6B6E71



606871



767471



546371



827971



495D71



8D7F71

■ 3E5771

■ 988571

■ 335271

■ A48A71

■ 274C71

■ AF9071

■ 1C4671

■ BA9671

■ 114171

■ C59B71

■ 053B71

■ D1A171

Harmonies

Analogous

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



6A6E70



6B6E71



6D6D71

Triad

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



6B6E71



726C6D



6C6E6B

Complementary

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



6B6E71



716E6B

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.



6E6E6A



6B6E71



716D6B

Square

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



6B6E71



716D6E



706D6A



6A6F6D

Rectangle

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



6B6E71



6E6D70



706D6A



6D6E6B

Sweetspot

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



6B6E71



919294



6B716E



48494A



C9C9C9



4A4A4A

Same Dimension

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



6B6E71



8B8F94



6B6B71



343638



003C78



007CF7

Inverse Universe

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



716B6E



948B8F



71716B



383436



78003C



F7007C

Previews

White Background



This preview shows how the Hex color 6B6E71 looks on a white background.

Color Contrast Check

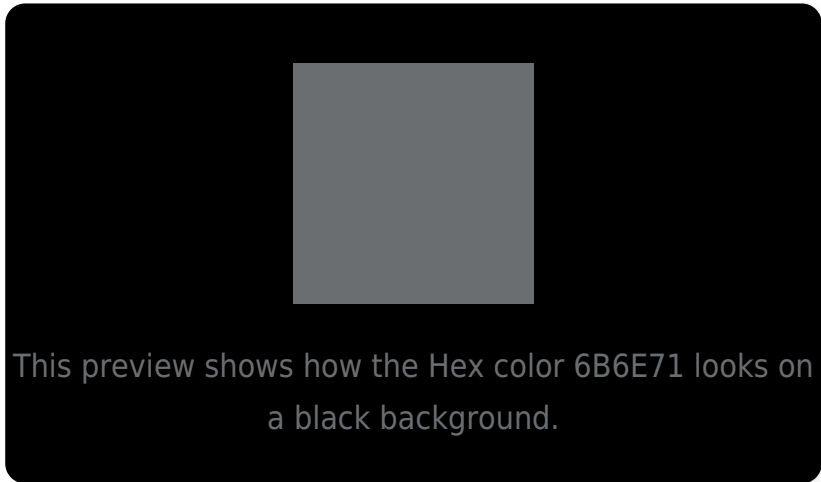
Large Text (above 18pt) WCAG AA ✓ Pass

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

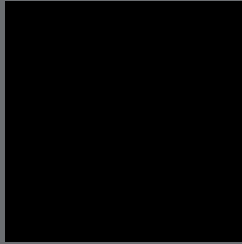
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

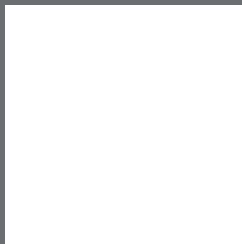
Any Text WCAG AAA × Fail

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

Hex 6B6E71 Background



This preview shows how black text looks on a background with the Hex color 6B6E71.



This preview shows how white text looks on a background with the Hex color 6B6E71.

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
6B6E71

Protanopia
6F6D70

Deuteranopia
766A72



Tritanopia
6C6D76

Trichromacy



Original Color
6B6E71

Protanomaly
6E6D70

Deuteranomaly
726B72

Tritanomaly
6C6D74

Monochromacy



Original Color
6B6E71

Achromatopsia
6D6D6D

Achromatomaly
6C6D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6E71 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 #6B6E71 looks like.

```
.text, #text, p{  
    color:#6B6E71  
}
```

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 #6B6E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6E71
}
```

Border

The CSS property to change the border of an element to Hex 6B6E71 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
#6B6E71 }
```

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

```
.border{ border-color:#6B6E71 }
```

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

Here you see how a box with a 4 pixel #6B6E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6E71; -webkit-box-shadow:4px 4px  
4px 4px #6B6E71; box-shadow:4px 4px 4px  
4px #6B6E71 }
```

Background

The CSS property to change the background color of an element to Hex 6B6E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6E71 }
```

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

```
.background{ background-color:#6B6E71 }
```

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