

Converting Colors

Hex(6B6B78)

Have a look what the booklet for
Hex(6B6B78) contains.

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Color

Hex(6B6B78)

Conversions

Conversions Part 1

Format	Color
Hex	6B6B78
RGB	107, 107, 120
RGB Percent	42%, 42%, 47%
CMY	0.5804, 0.5804, 0.5294
CMYK	0.11, 0.11, 0.00, 0.53
HSL	240°, 6%, 45%
HSV	240°, 11%, 47%
XYZ	14.7113, 14.9973, 19.8887
YIQ	108.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

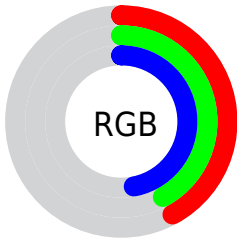
Format	Color
R_{YB}	107, 107, 120
Decimal	7039864
CIE Lab	45.63, 2.81, -7.22
CIE LCh	46, 7.746, 291.256
Yxy	14.9973, 0.2966, 0.3024
Android (android.graphics.Color)	4285229944 (0xFF6B6B78)
YUV	108.4820, 5.6784, -1.2997
Hunter-Lab	38.7263, 0.0372, -3.3412

Details

The Hex color **6B6B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78786B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9E9EAC**, and **3C3C48** is the 20% darker color. If you saturate the color by 10%, you get **5F5F78**, and if you desaturate by 10%, it is **777778**.

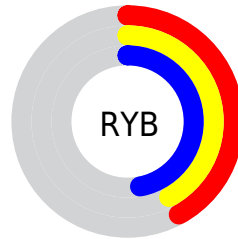
Distribution



Red (42%)

Green (42%)

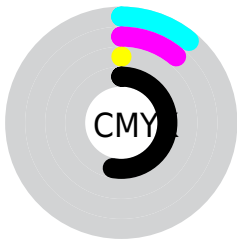
Blue (47%)



Red (42%)

Yellow (42%)

Blue (47%)

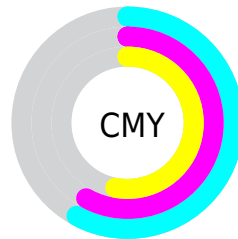


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6B78 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 6B6B78 by changing the saturation by 10% instead.



6B6B78



6B6B78

FFFFFF



53535F



9E9EAC



3C3C48



B9B9C8



262631



D5D5E4



12111C



F1F1FF



000000



6B6B78



6B6B78



5F5F78



777778



535378



838378



474778



8F8F78

■ 3B3B78

■ 9B9B78

■ 2F2F78

■ A7A778

■ 232378

■ B3B378

■ 171778

■ BFBF78

■ 0B0B78

■ CBCB78

■ 000078

■ D7D778

Harmonies

Analogous

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



636D79



6B6B78



736974

Triad

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



6B6B78



786962



5F706A

Complementary

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



6B6B78



78786B

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.



656F64



6B6B78



736B5F

Square

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



6B6B78



7A6868



6C6D60



5C7070

Rectangle

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



6B6B78



776870



6C6D60



617068

Sweetspot

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



6B6B78



97979C



6B7878



4C4C4F



CFCFCF



4F4F4F

Same Dimension

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



6B6B78



87879C



716B78



37373D



00007D



0000FC

Inverse Universe

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



786B78



9C879C



71786B



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 6B6B78 looks on a white background.

Color Contrast Check

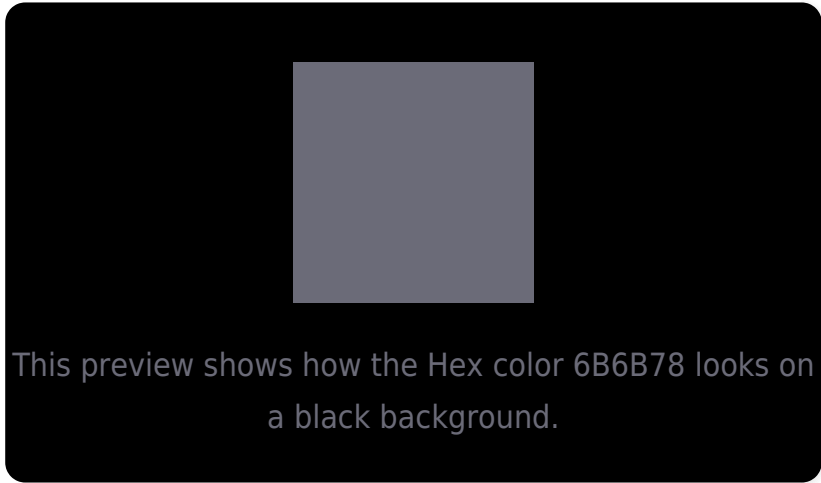
Large Text (above 18pt) WCAG AA ✓ Pass

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

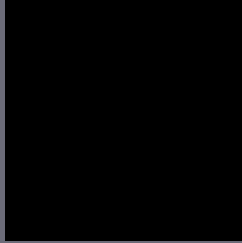
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

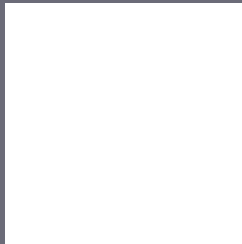
Any Text WCAG AAA × Fail

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

Hex 6B6B78 Background



This preview shows how black text looks on a background with the Hex color 6B6B78.



This preview shows how white text looks on a background with the Hex color 6B6B78.

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
6B6B78

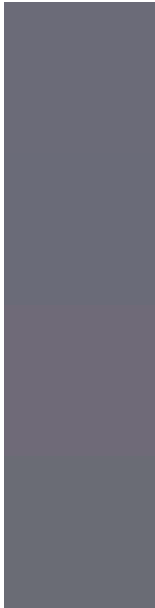
Protanopia
6A6B78

Deuteranopia
716978



Tritanopia
6A6C74

Trichromacy



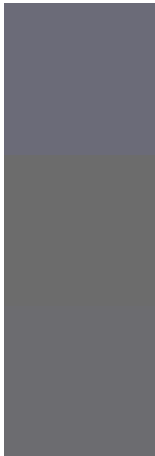
Original Color
6B6B78

Protanomaly
6A6B78

Deuteranomaly
6F6A78

Tritanomaly
6A6C75

Monochromacy



Original Color
6B6B78

Achromatopsia
6C6C6C

Achromatomaly
6C6C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6B78 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 #6B6B78 looks like.

```
.text, #text, p{  
    color:#6B6B78  
}
```

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 #6B6B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6B78  
}
```

Border

The CSS property to change the border of an element to Hex 6B6B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

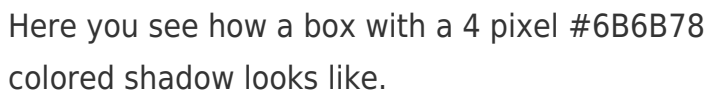
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B6B78 }
```

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

```
.border{ border-color:#6B6B78 }
```

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



Here you see how a box with a 4 pixel #6B6B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6B78; -webkit-box-shadow:4px 4px  
4px 4px #6B6B78; box-shadow:4px 4px 4px  
4px #6B6B78 }
```

Background

The CSS property to change the background color of an element to Hex 6B6B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6B78 }
```

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

```
.background{ background-color:#6B6B78 }
```

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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