

Converting Colors

Hex(6B6A77)

Have a look what the booklet for
Hex(6B6A77) contains.

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Color

Hex(6B6A77)

Conversions

Conversions Part 1

Format	Color
Hex	6B6A77
RGB	107, 106, 119
RGB Percent	42%, 42%, 47%
CMY	0.5804, 0.5843, 0.5333
CMYK	0.10, 0.11, 0.00, 0.53
HSL	245°, 6%, 44%
HSV	245°, 11%, 47%
XYZ	14.5472, 14.7658, 19.5361
YIQ	107.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

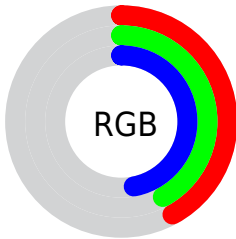
Format	Color
R_{YB}	107, 106, 119
Decimal	7039607
CIE _{Lab}	45.31, 3.18, -7.09
CIE _{LCh}	45, 7.774, 294.147
Yxy	14.7658, 0.2978, 0.3023
Android (android.graphics.Color)	4285229687 (0xFF6B6A77)
YUV	107.7810, 5.5310, -0.6849
Hunter-Lab	38.4263, 0.3296, -3.2450

Details

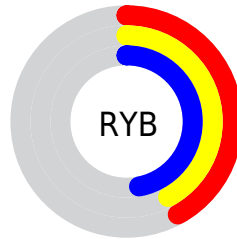
The Hex color **6B6A77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76776A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9E9DAB**, and **3C3B47** is the 20% darker color. If you saturate the color by 10%, you get **605E77**, and if you desaturate by 10%, it is **767677**.

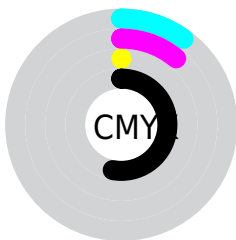
Distribution



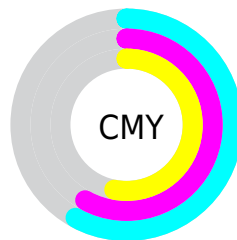
- Red (42%)
- Green (42%)
- Blue (47%)



- Red (42%)
- Yellow (42%)
- Blue (47%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6A77 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 6B6A77 by changing the saturation by 10% instead.



6B6A77



6B6A77

FFFFFF



53525E



9E9DAB



3C3B47



B9B8C6



262530



D5D4E2



12101B



F1F0FF



000000



6B6A77



6B6A77



605E77



767677



555277



818277



4A4677



8C8E77

■ 3F3A77

■ 979A77

■ 342F77

■ A2A577

■ 292377

■ ADB177

■ 1E1777

■ B8BD77

■ 130B77

■ C3C977

■ 090077

■ CED577

Harmonies

Analogous

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



636C78



6B6A77



736873

Triad

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



6B6A77



776861



5D6F6A

Complementary

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



6B6A77



76776A

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.



636E63



6B6A77



726A5E

Square

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



6B6A77



796766



6B6C5F



5B6F70

Rectangle

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



6B6A77



76676F



6B6C5F



5F6F67

Sweetspot

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



6B6A77



97979C



6A7677



4C4C4F



CFCFCF



4F4F4F

Same Dimension

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



6B6A77



89879C



716A77



35353B



09007A



1300FA

Inverse Universe

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



776A76



9C879A



70776A



3B353A



7A0071



FA00E7

Previews

White Background



This preview shows how the Hex color 6B6A77 looks on a white background.

Color Contrast Check

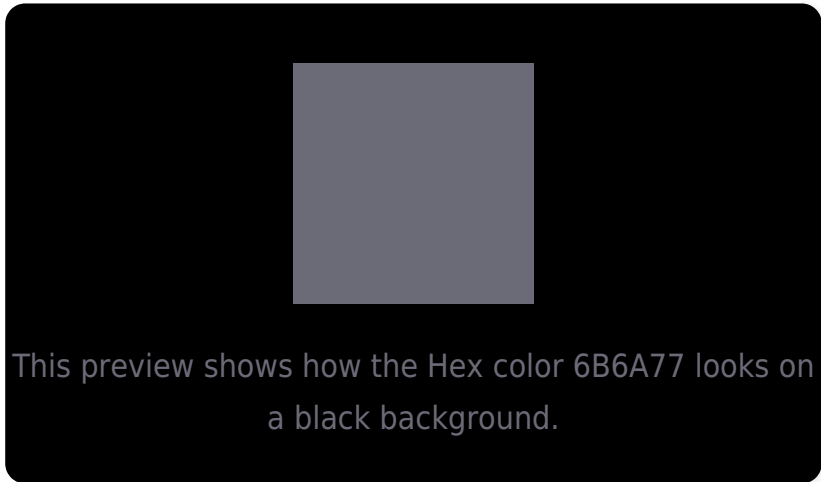
Large Text (above 18pt) WCAG AA ✓ Pass

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

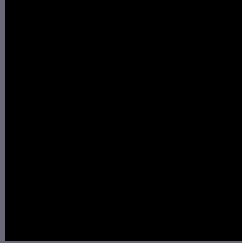
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

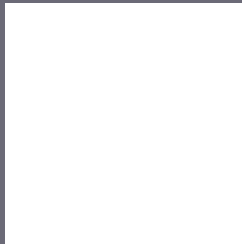
Any Text WCAG AAA × Fail

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

Hex 6B6A77 Background



This preview shows how black text looks on a background with the Hex color 6B6A77.



This preview shows how white text looks on a background with the Hex color 6B6A77.

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


6B6A77

Protanopia

6A6A77

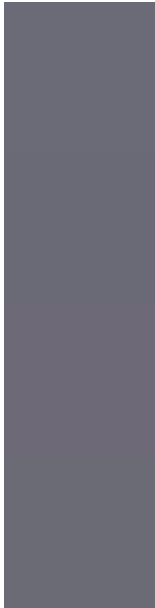
Deuteranopia

706877



Tritanopia
6A6B73

Trichromacy



Original Color

6B6A77

Protanomaly

6A6A77

Deuteranomaly

6E6977

Tritanomaly

6A6B74

Monochromacy



Original Color

6B6A77

Achromatopsia

6C6C6C

Achromatomaly

6C6B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6A77 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 #6B6A77 looks like.

```
.text, #text, p{  
    color:#6B6A77  
}
```

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 #6B6A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6A77
}
```

Border

The CSS property to change the border of an element to Hex 6B6A77 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
#6B6A77 }
```

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

```
.border{ border-color:#6B6A77 }
```

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

Here you see how a box with a 4 pixel #6B6A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6A77; -webkit-box-shadow:4px 4px  
4px 4px #6B6A77; box-shadow:4px 4px 4px  
4px #6B6A77 }
```

Background

The CSS property to change the background color of an element to Hex 6B6A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6A77 }
```

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

```
.background{ background-color:#6B6A77 }
```

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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