

Converting Colors

Hex(6A6E78)

Have a look what the booklet for
Hex(6A6E78) contains.

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Color

Hex(6A6E78)

Conversions

Conversions Part 1

Format	Color
Hex	6A6E78
RGB	106, 110, 120
RGB Percent	42%, 43%, 47%
CMY	0.5843, 0.5686, 0.5294
CMYK	0.12, 0.08, 0.00, 0.53
HSL	223°, 6%, 44%
HSV	223°, 12%, 47%
XYZ	14.9100, 15.5721, 19.9892
YIQ	109.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

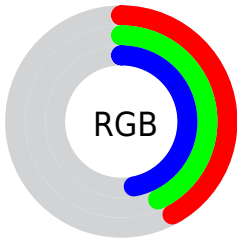
Format	Color
R_{YB}	106, 109, 120
Decimal	6975096
CIE _{Lab}	46.41, 0.66, -6.07
CIE _{LCh}	46, 6.105, 276.203
Yxy	15.5721, 0.2954, 0.3085
Android (android.graphics.Color)	4285165176 (0xFF6A6E78)
YUV	109.9440, 4.9576, -3.4589
Hunter-Lab	39.4615, -1.6140, -2.4102

Details

The Hex color **6A6E78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78746A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9DA2AC**, and **3B3F48** is the 20% darker color. If you saturate the color by 10%, you get **5E6578**, and if you desaturate by 10%, it is **767778**.

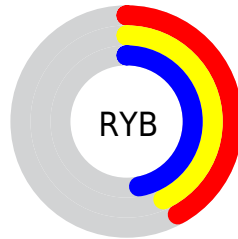
Distribution



Red (42%)

Green (43%)

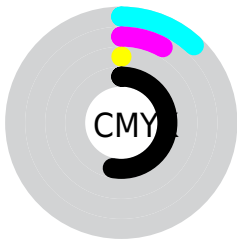
Blue (47%)



Red (42%)

Yellow (43%)

Blue (47%)

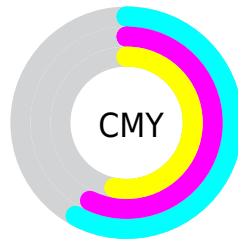


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6E78 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 6A6E78 by changing the saturation by 10% instead.



6A6E78



6A6E78

FFFFFF



52565F



9DA2AC



3B3F48



B8BDC8



252931



D4D8E4



11141C



F0F5FF



000000



6A6E78



6A6E78



5E6578



767778



525D78



827F78



465478



8E8878

■ 3A4C78

■ 9A9078

■ 2E4378

■ A69978

■ 223B78

■ B2A178

■ 163278

■ BEAA78

■ 0A2978

■ CAB378

■ 002278

■ D6BB78

Harmonies

Analogous

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



657077



6A6E78



706C76

Triad

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



6A6E78



796B68



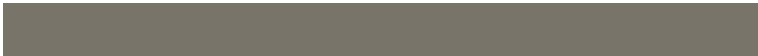
66716A

Complementary

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



6A6E78



78746A

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.



6B7066



6A6E78



766C65

Square

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



6A6E78



796B6D



716E64



62716F

Rectangle

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



6A6E78



746B74



716E64



677068

Sweetspot

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



6A6E78



95979C



6A7874



4B4C4F



CFCFCF



4F4F4F

Same Dimension

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



6A6E78



868C9C



6D6A78



37393D



00247D



0048FC

Inverse Universe

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



786A6E



9C868C



75786A



3D3739



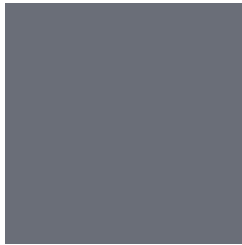
7D0024



FC0048

Previews

White Background



This preview shows how the Hex color 6A6E78 looks on a white background.

Color Contrast Check

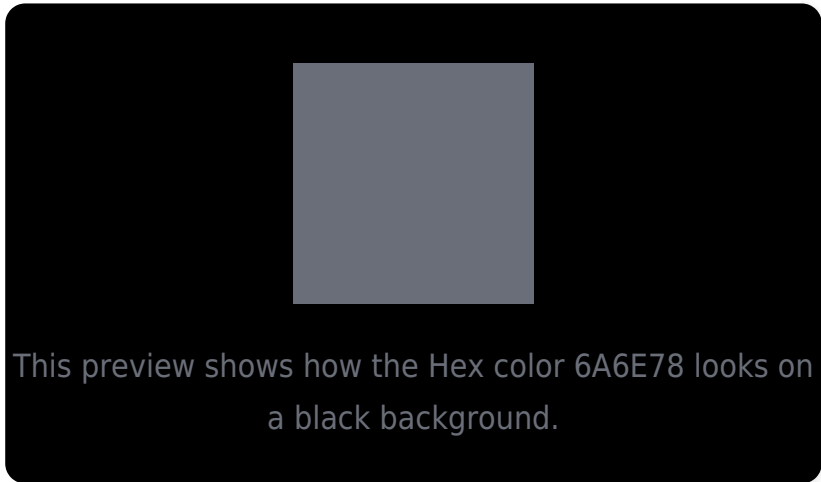
Large Text (above 18pt) WCAG AA ✓ Pass

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

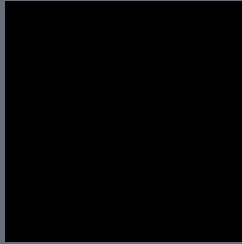
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

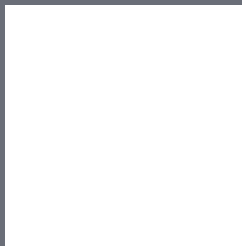
Any Text WCAG AAA × Fail

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

Hex 6A6E78 Background



This preview shows how black text looks on a background with the Hex color 6A6E78.



This preview shows how white text looks on a background with the Hex color 6A6E78.

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

6A6E78

Protanopia

6D6D77

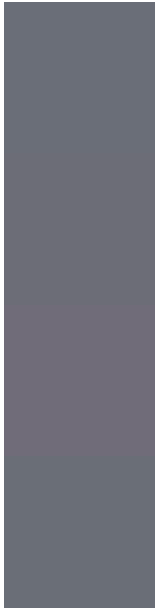
Deuteranopia

746B79



Tritanopia
6A6E77

Trichromacy



Original Color

6A6E78

Protanomaly

6C6D77

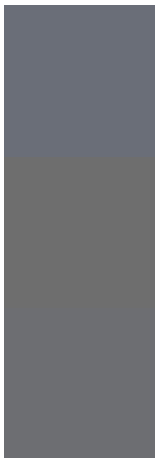
Deuteranomaly

706C79

Tritanomaly

6A6E77

Monochromacy



Original Color

6A6E78

Achromatopsia

6E6E6E

Achromatomaly

6D6E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6E78 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 #6A6E78 looks like.

```
.text, #text, p{  
    color:#6A6E78  
}
```

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 #6A6E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6E78  
}
```

Border

The CSS property to change the border of an element to Hex 6A6E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

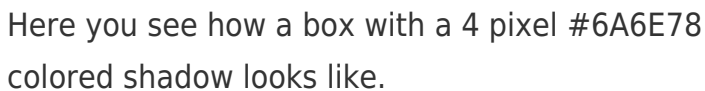
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A6E78 }
```

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

```
.border{ border-color:#6A6E78 }
```

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



Here you see how a box with a 4 pixel #6A6E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6E78; -webkit-box-shadow:4px 4px  
4px 4px #6A6E78; box-shadow:4px 4px 4px  
4px #6A6E78 }
```

Background

The CSS property to change the background color of an element to Hex 6A6E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6E78 }
```

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

```
.background{ background-color:#6A6E78 }
```

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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