

Converting Colors

Hex(6B7278)

Have a look what the booklet for
Hex(6B7278) contains.

Hex(6B7278)	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(6B7278)

Conversions

Conversions Part 1

Format	Color
Hex	6B7278
RGB	107, 114, 120
RGB Percent	42%, 45%, 47%
CMY	0.5804, 0.5529, 0.5294
CMYK	0.11, 0.05, 0.00, 0.53
HSL	208°, 6%, 45%
HSV	208°, 11%, 47%
XYZ	15.4709, 16.5165, 20.1419
YIQ	112.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

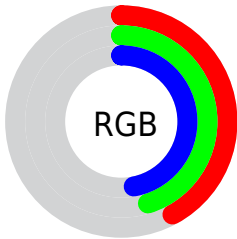
Format	Color
R_{YB}	107, 112, 120
Decimal	7041656
CIE Lab	47.64, -1.33, -4.22
CIE LCh	48, 4.430, 252.502
Yxy	16.5165, 0.2968, 0.3168
Android (android.graphics.Color)	4285231736 (0xFF6B7278)
YUV	112.5910, 3.6526, -4.9033
Hunter-Lab	40.6405, -3.1701, -0.9365

Details

The Hex color **6B7278** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78716B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9EA6AC**, and **3C4248** is the 20% darker color. If you saturate the color by 10%, you get **5F6C78**, and if you desaturate by 10%, it is **777878**.

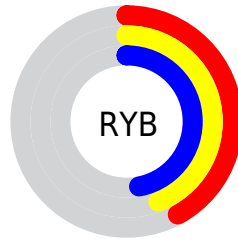
Distribution



Red (42%)

Green (45%)

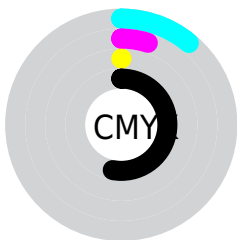
Blue (47%)



Red (42%)

Yellow (44%)

Blue (47%)

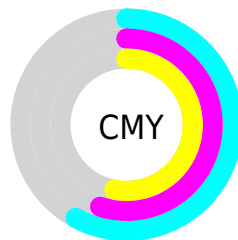


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7278 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 6B7278 by changing the saturation by 10% instead.

■ 6B7278

■ 6B7278

FFFFFF

■ 535A5F

■ 9EA6AC

■ 3C4248

■ B9C1C8

■ 262C31

■ D5DDE4

■ 11181C

■ F1F9FF

■ 000000

■ 6B7278

■ 6B7278

■ 5F6C78

■ 777878

■ 536778

■ 837D78

■ 476178

■ 8F8378

■ 3B5C78

■ 9B8878

■ 2F5678

■ A78E78

■ 235178

■ B39378

■ 174B78

■ BF9978

■ 0B4678

■ CB9E78

■ 004178

■ D7A478

Harmonies

Analogous

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



687376



6B7278



6F7178

Triad

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



6B7278



796F70



6E726B

Complementary

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



6B7278



78716B

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.



73716A



6B7278



796F6C

Square

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



6B7278



776F73



76706A



6A736F

Rectangle

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



6B7278



727077



76706A



70726B

Sweetspot

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



6B7278



97999C



6B7871



4C4E4F



CFCFCF



4F4F4F

Same Dimension

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



6B7278



87929C



6B6C78



373A3D



00437D



0088FC

Inverse Universe

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



786B72



9C8792



78776B



3D373A



7D0043



FC0088

Previews

White Background



This preview shows how the Hex color 6B7278 looks on a white background.

Color Contrast Check

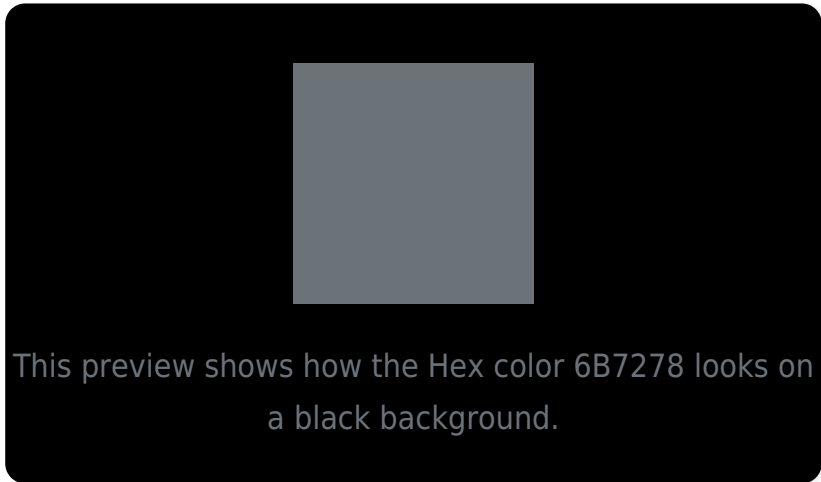
Large Text (above 18pt) WCAG AA ✓ Pass

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

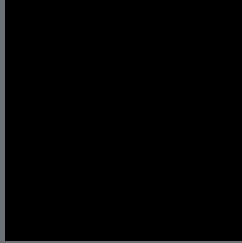
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

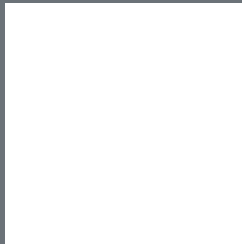
Any Text WCAG AAA × Fail

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

Hex 6B7278 Background



This preview shows how black text looks on a background with the Hex color 6B7278.



This preview shows how white text looks on a background with the Hex color 6B7278.

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
6B7278

Protanopia
717077

Deuteranopia
786E79



Tritanopia
6B727B

Trichromacy



Original Color
6B7278

Protanomaly
6F7177

Deuteranomaly
736F79

Tritanomaly
6B727A

Monochromacy



Original Color
6B7278

Achromatopsia
717171

Achromatomaly
6F7174

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7278 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 #6B7278 looks like.

```
.text, #text, p{  
    color:#6B7278  
}
```

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 #6B7278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7278
}
```

Border

The CSS property to change the border of an element to Hex 6B7278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

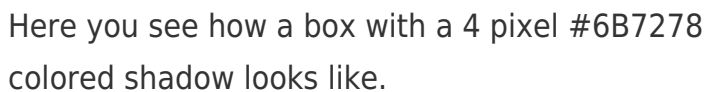
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B7278 }
```

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

```
.border{ border-color:#6B7278 }
```

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



Here you see how a box with a 4 pixel #6B7278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7278; -webkit-box-shadow:4px 4px  
4px 4px #6B7278; box-shadow:4px 4px 4px  
4px #6B7278 }
```

Background

The CSS property to change the background color of an element to Hex 6B7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7278 }
```

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

```
.background{ background-color:#6B7278 }
```

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