

Converting Colors

Hex(6B7176)

Have a look what the booklet for
Hex(6B7176) contains.

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Color

Hex(6B7176)

Conversions

Conversions Part 1

Format	Color
Hex	6B7176
RGB	107, 113, 118
RGB Percent	42%, 44%, 46%
CMY	0.5804, 0.5569, 0.5373
CMYK	0.09, 0.04, 0.00, 0.54
HSL	207°, 5%, 44%
HSV	207°, 9%, 46%
XYZ	15.2385, 16.2441, 19.4718
YIQ	111.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

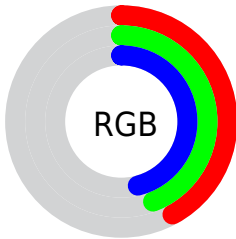
Format	Color
R_{YB}	107, 111, 118
Decimal	7041398
CIE Lab	47.29, -1.19, -3.55
CIE LCh	47, 3.747, 251.504
Yxy	16.2441, 0.2991, 0.3188
Android (android.graphics.Color)	4285231478 (0xFF6B7176)
YUV	111.7760, 3.0684, -4.1886
Hunter-Lab	40.3039, -3.0426, -0.4317

Details

The Hex color **6B7176** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76706B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9EA5AA**, and **3C4146** is the 20% darker color. If you saturate the color by 10%, you get **5F6C76**, and if you desaturate by 10%, it is **777676**.

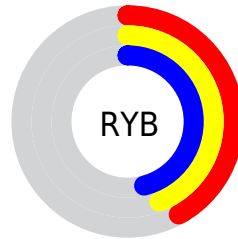
Distribution



Red (42%)

Green (44%)

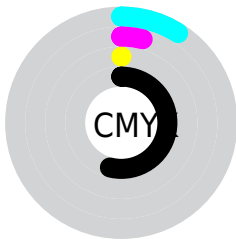
Blue (46%)



Red (42%)

Yellow (44%)

Blue (46%)

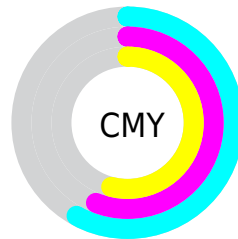


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7176 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 6B7176 by changing the saturation by 10% instead.



6B7176



6B7176

FFFFFF



53595D



9EA5AA



3C4146



B9C0C5



262B2F



D5DCE1



12171B



F1F8FE



000000



6B7176



6B7176



5F6C76



777676



536676



837C76



486176



8E8176

■ 3C5C76

■ 9A8676

■ 305676

■ A68C76

■ 245176

■ B29176

■ 184B76

■ BE9776

■ 0D4676

■ C99C76

■ 014176

■ D5A176

Harmonies

Analogous

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



697274



6B7176



6E7076

Triad

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



6B7176



776E6F



6E716B

Complementary

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



6B7176



76706B

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.



72706A



6B7176



776E6C

Square

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



6B7176



756E72



756F6A



6B726E

Rectangle

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



6B7176



716F75



756F6A



6F716B

Sweetspot

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



6B7176



949799



6B7670



494B4D



CCCCCC



4D4D4D

Same Dimension

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



6B7176



889199



6B6C76



35383B



00437A



0088FA

Inverse Universe

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



766B71



998891



76756B



3B3538



7A0043



FA0088

Previews

White Background



This preview shows how the Hex color 6B7176 looks on a white background.

Color Contrast Check

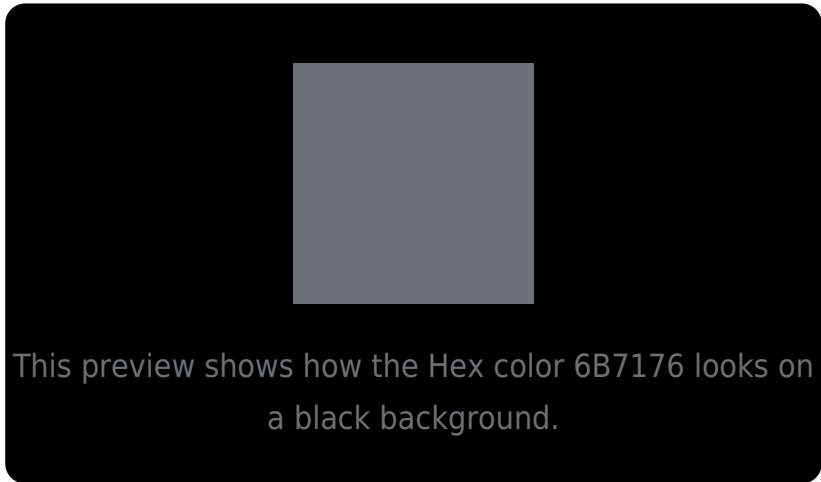
Large Text (above 18pt) WCAG AA ✓ Pass

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

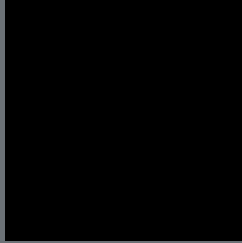
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

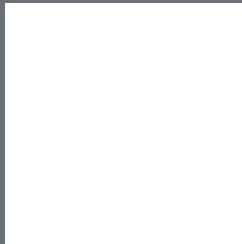
Any Text WCAG AAA × Fail

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

Hex 6B7176 Background



This preview shows how black text looks on a background with the Hex color 6B7176.



This preview shows how white text looks on a background with the Hex color 6B7176.

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

6B7176

Protanopia

716F75

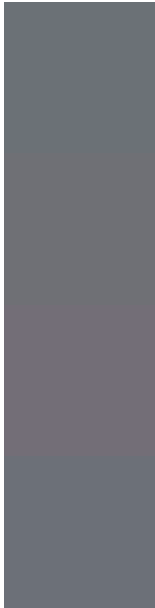
Deuteranopia

786D77



Tritanopia
6C7079

Trichromacy



Original Color
6B7176

Protanomaly
6F7075

Deuteranomaly
736E77

Tritanomaly
6C7078

Monochromacy



Original Color
6B7176

Achromatopsia
707070

Achromatomaly
6E7072

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7176 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 #6B7176 looks like.

```
.text, #text, p{  
    color:#6B7176  
}
```

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 #6B7176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7176
}
```

Border

The CSS property to change the border of an element to Hex 6B7176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

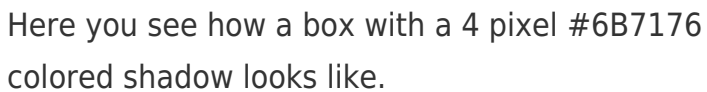
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B7176 }
```

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

```
.border{ border-color:#6B7176 }
```

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



Here you see how a box with a 4 pixel #6B7176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7176; -webkit-box-shadow:4px 4px  
4px 4px #6B7176; box-shadow:4px 4px 4px  
4px #6B7176 }
```

Background

The CSS property to change the background color of an element to Hex 6B7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7176 }
```

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

```
.background{ background-color:#6B7176 }
```

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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