

Converting Colors

Hex(6B7186)

Have a look what the booklet for
Hex(6B7186) contains.

| | |
|--|----|
| Hex(6B7186) | 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(6B7186)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6B7186 |
| RGB | 107, 113, 134 |
| RGB Percent | 42%, 44%, 53% |
| CMY | 0.5804, 0.5569, 0.4745 |
| CMYK | 0.20, 0.16, 0.00, 0.47 |
| HSL | 227°, 11%, 47% |
| HSV | 227°, 20%, 53% |
| XYZ | 16.2716, 16.6573, 24.9118 |
| YIQ | 113.6000, -10.3170, 5.2590 |

Conversions

Conversions Part 2

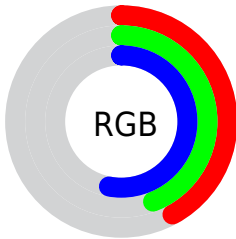
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 112, 134 |
| Decimal | 7041414 |
| CIE _{Lab} | 47.83, 2.52, -12.28 |
| CIE _{LCh} | 48, 12.537, 281.604 |
| Yxy | 16.6573, 0.2813, 0.2880 |
| Android (android.graphics.Color) | 4285231494 (0xFF6B7186) |
| YUV | 113.6000, 10.0572, -5.7882 |
| Hunter-Lab | 40.8133, -0.2583, -7.6204 |

Details

The Hex color **6B7186** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86806B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9FA5BB**, and **3B4154** is the 20% darker color. If you saturate the color by 10%, you get **5E6786**, and if you desaturate by 10%, it is **787B86**.

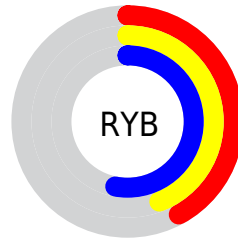
Distribution



Red (42%)

Green (44%)

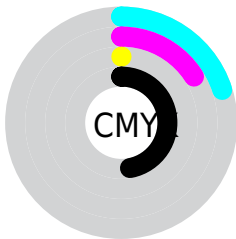
Blue (53%)



Red (42%)

Yellow (44%)

Blue (53%)

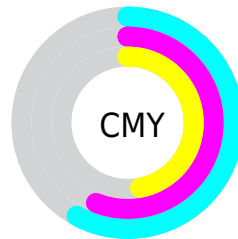


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7186 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 6B7186 by changing the saturation by 10% instead.

■ 6B7186

■ 6B7186

FFFFFF

■ 53596D

■ 9FA5BB

■ 3B4154

■ BAC0D7

■ 252B3D

■ D5DCF3

■ 101727

■ F2F8FF

■ 000113

■ 000000

■ 6B7186

■ 6B7186

■ 5E6786

■ 787B86

■ 505C86

■ 868686

■ 435286

■ 939086

■ 354786

■ A19B86

■ 283D86

■ AEA586

■ 1B3286

■ BBB086

■ 0D2886

■ C9BA86

■ 001E86

■ D6C486

■ E4CF86

Harmonies

Analogous

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



5E7485



6B7186



786D81

Triad

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



6B7186



866C64



5E776A

Complementary

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



6B7186



86806B

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.



697561



6B7186



806F5E

Square

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



6B7186



886A6E



76725D



577875

Rectangle

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



6B7186



806C7C



76725D



627767

Sweetspot

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



6B7186



A3A5AD



6B8680



515257



D6D6D6



575757

Same Dimension

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



6B7186



848DAD



726B86



3C3D42



001D82



000103

Inverse Universe

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



866B71



AD848D



7F866B



423C3D



82001D



030001

Previews

White Background



This preview shows how the Hex color 6B7186 looks on a white background.

Color Contrast Check

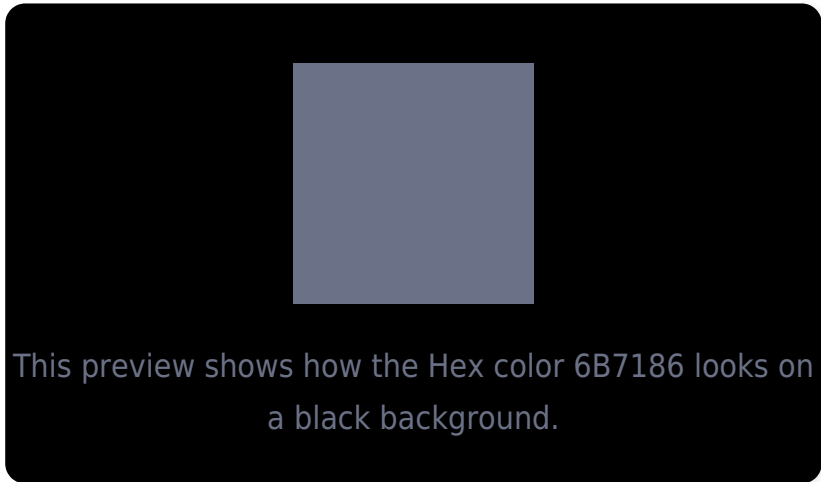
Large Text (above 18pt) WCAG AA ✓ Pass

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

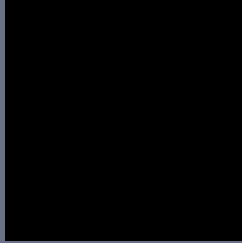
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

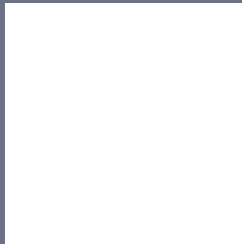
Any Text WCAG AAA × Fail

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

Hex 6B7186 Background



This preview shows how black text looks on a background with the Hex color 6B7186.



This preview shows how white text looks on a background with the Hex color 6B7186.

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
6B7186

Protanopia
6D7086

Deuteranopia
726F86



Tritanopia
69737C

Trichromacy



Original Color
6B7186

Protanomaly
6C7086

Deuteranomaly
6F7086

Tritanomaly
6A7280

Monochromacy



Original Color
6B7186

Achromatopsia
727272

Achromatomaly
6F7279

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7186 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 #6B7186 looks like.

```
.text, #text, p{  
    color:#6B7186  
}
```

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 #6B7186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7186
}
```

Border

The CSS property to change the border of an element to Hex 6B7186 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
#6B7186 }
```

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

```
.border{ border-color:#6B7186 }
```

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

Here you see how a box with a 4 pixel #6B7186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7186; -webkit-box-shadow:4px 4px  
4px 4px #6B7186; box-shadow:4px 4px 4px  
4px #6B7186 }
```

Background

The CSS property to change the background color of an element to Hex 6B7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7186 }
```

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

```
.background{ background-color:#6B7186 }
```

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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