

# Converting Colors

Hex(6B8186)

Have a look what the booklet for  
Hex(6B8186) contains.

<b>Hex(6B8186)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(6B8186)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B8186
RGB	107, 129, 134
RGB Percent	42%, 51%, 53%
CMY	0.5804, 0.4941, 0.4745
CMYK	0.20, 0.04, 0.00, 0.47
HSL	191°, 11%, 47%
HSV	191°, 20%, 53%
XYZ	18.2167, 20.5475, 25.5602
YIQ	122.9920, -14.7170, -3.1090

# Conversions

## Conversions Part 2

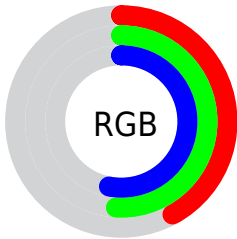
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 119, 134
Decimal	7045510
CIE <sub>Lab</sub>	52.45, -6.77, -5.36
CIE <sub>LCh</sub>	52, 8.631, 218.372
Yxy	20.5475, 0.2832, 0.3194
Android (android.graphics.Color)	4285235590 (0xFF6B8186)
YUV	122.9920, 5.4269, -14.0250
Hunter-Lab	45.3294, -7.5918, -1.7017

# Details

The Hex color **6B8186** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **86706B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9FB6BB**, and **3B5054** is the 20% darker color. If you saturate the color by 10%, you get **5E7F86**, and if you desaturate by 10%, it is **788386**.

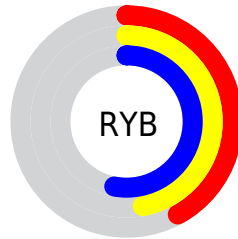
# Distribution



Red (42%)

Green (51%)

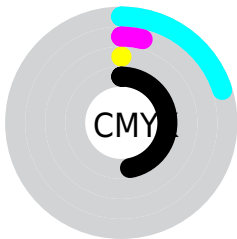
Blue (53%)



Red (42%)

Yellow (47%)

Blue (53%)

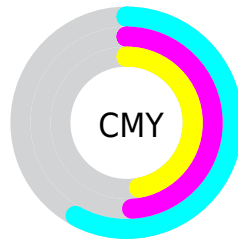


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (49%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8186 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 6B8186 by changing the saturation by 10% instead.





6B8186



6B8186

FFFFFF



52686D



9FB6BB



3B5054



BAD1D7



24393D



D6EEF3



0F2328



F2FFFF



000E13



000000



6B8186



6B8186



5E7F86



788386



507C86



868686

437A86

938886

357786

A18B86

287586

AE8D86

1B7286

BB9086

0D7086

C99286

006D86

D69586

E49786

# Harmonies

## Analogous

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



6C827F



6B8186



707F8B

# Triad

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



6B8186



897983



817D6F

# Complementary

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



6B8186



86706B

# 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.



887B70



6B8186



8D787B

# Square

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



6B8186



817B89



8D7974



798071

# Rectangle

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



6B8186



757E8C



8D7974



847C6E



# Sweetspot

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



6B8186



A3ABAD



6B8670



515657



D6D6D6



575757



# Same Dimension

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



6B8186



84A6AD



6B7486



3C4142



006A82



000203



# Inverse Universe

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



866B81



AD84A6



867D6B



423C41



82006A



030002



# Previews

## White Background



This preview shows how the Hex color 6B8186 looks on a white background.

## Color Contrast Check

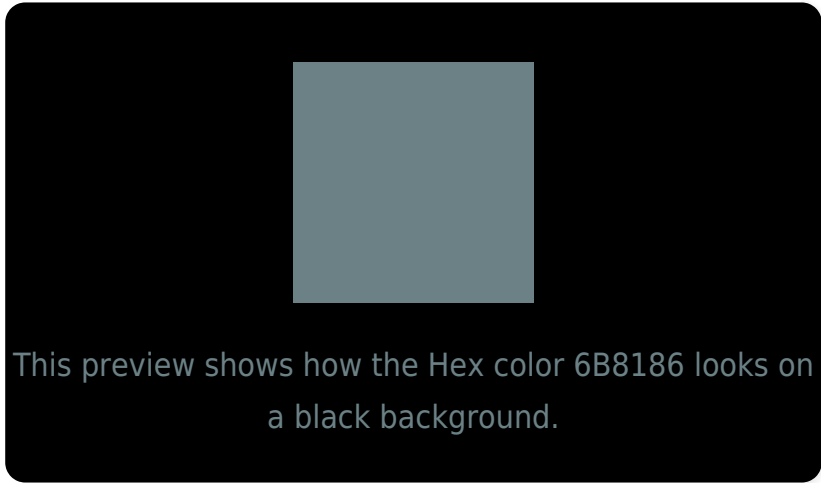
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

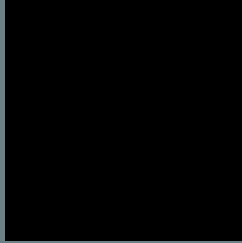
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

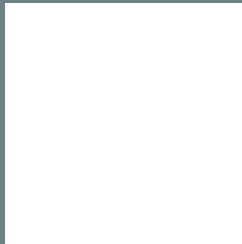
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8186 Background



This preview shows how black text looks on a background with the Hex color 6B8186.

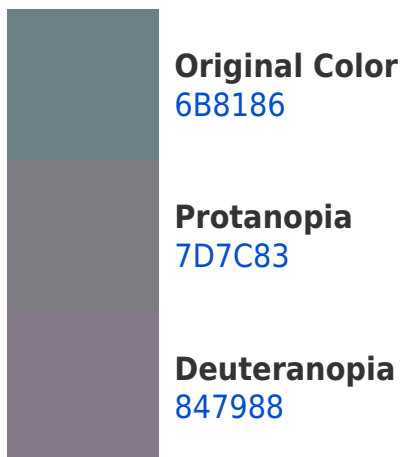


This preview shows how white text looks on a background with the Hex color 6B8186.

# 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](#).

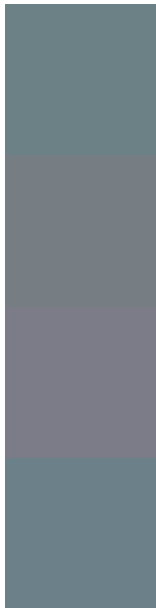
## Dichromacy





**Tritanopia**  
6C808B

# Trichromacy



**Original Color**  
6B8186

**Protanomaly**  
767E84

**Deuteranomaly**  
7B7C87

**Tritanomaly**  
6C8089

# Monochromacy



**Original Color**  
6B8186

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
757D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8186 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 #6B8186 looks like.

```
.text, #text, p{  
    color:#6B8186  
}
```

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 #6B8186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8186
}
```

## Border

The CSS property to change the border of an element to Hex 6B8186 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
#6B8186 }
```

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

```
.border{ border-color:#6B8186 }
```

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

Here you see how a box with a 4 pixel #6B8186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8186; -webkit-box-shadow:4px 4px  
4px 4px #6B8186; box-shadow:4px 4px 4px  
4px #6B8186 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8186 }
```

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

```
.background{ background-color:#6B8186 }
```

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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