

# Converting Colors

Hex(6B7995)

Have a look what the booklet for  
Hex(6B7995) contains.

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# Color

Hex(6B7995)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7995
RGB	107, 121, 149
RGB Percent	42%, 47%, 58%
CMY	0.5804, 0.5255, 0.4157
CMYK	0.28, 0.19, 0.00, 0.42
HSL	220°, 17%, 50%
HSV	220°, 28%, 58%
XYZ	18.3256, 18.9705, 31.1296
YIQ	120.0060, -17.3320, 5.7400

# Conversions

## Conversions Part 2

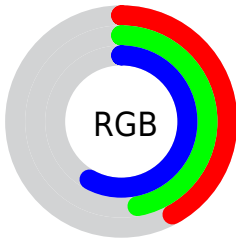
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 118, 149
Decimal	7043477
CIE <sub>Lab</sub>	50.65, 1.56, -16.84
CIE <sub>LCh</sub>	51, 16.909, 275.283
Yxy	18.9705, 0.2678, 0.2772
Android (android.graphics.Color)	4285233557 (0xFF6B7995)
YUV	120.0060, 14.2940, -11.4063
Hunter-Lab	43.5551, -1.1184, -11.8870

# Details

The Hex color **6B7995** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95876B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FADC8**, and **3A4962** is the 20% darker color. If you saturate the color by 10%, you get **5C6F95**, and if you desaturate by 10%, it is **7A8395**.

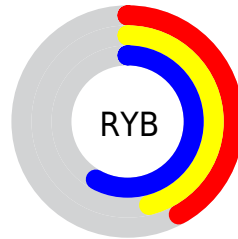
# Distribution



Red (42%)

Green (47%)

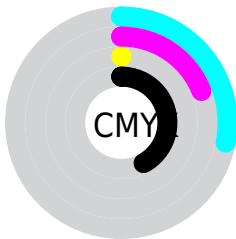
Blue (58%)



Red (42%)

Yellow (46%)

Blue (58%)

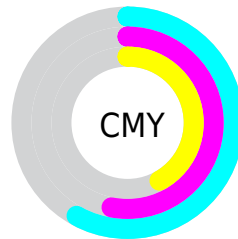


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (53%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7995 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 6B7995 by changing the saturation by 10% instead.



■ 6B7995

■ 6B7995

FFFFFF

■ 52607B

■ 9FADCB

■ 3A4962

■ BAC9E7

■ 23324A

■ D6E5FF

■ 0B1D34

■ F3FFFF

■ 00031F

■ 000002

■ 000000

■ 6B7995

■ 6B7995

■ 5C6F95

■ 7A8395

■ 4D6595

■ 898D95

■ 3E5B95

■ 989795

■ 2F5195

■ A7A195

■ 214795

■ B6AB95

■ 123D95

■ C4B595

■ 033395

■ D3BF95

■ 003295

■ E2C895

■ F1D295

# Harmonies

## Analogous

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



597D92



6B7995



7E7490

# Triad

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



6B7995



957069



61806C

# Complementary

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



6B7995



95876B

# 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.



717D61



6B7995



8E745F

# Square

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



6B7995



956E76



81785C



54817B

# Rectangle

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



6B7995



897189



81785C



667F68



# Sweetspot

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



6B7995



B2B7C2



6B9587



575A61



E0E0E0



616161



# Same Dimension

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



6B7995



8096C2



726B95



43454A



002E8A



00030A



# Inverse Universe

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



956B79



C28096



8E956B



4A4345



8A002E



0A0003



# Previews

## White Background



This preview shows how the Hex color 6B7995 looks on a white background.

## Color Contrast Check

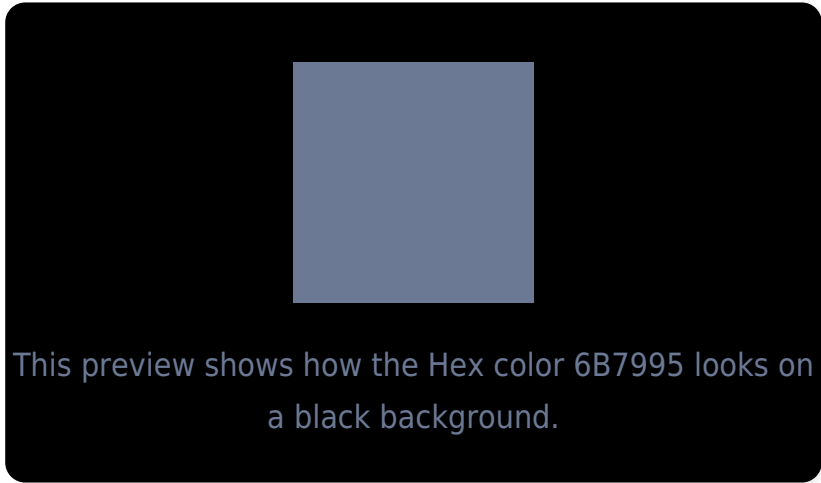
Large Text (above 18pt) WCAG AA ✓ Pass

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

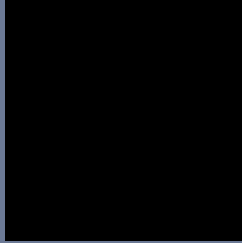
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

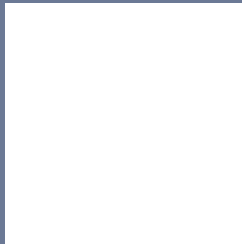
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B7995 Background



This preview shows how black text looks on a background with the Hex color 6B7995.



This preview shows how white text looks on a background with the Hex color 6B7995.

# 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**

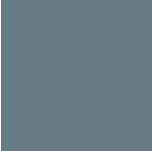
6B7995

**Protanopia**

727794

**Deuteranopia**

757696



**Tritanopia**  
687C86

# Trichromacy



**Original Color**  
6B7995

**Protanomaly**  
6F7894

**Deuteranomaly**  
717796

**Tritanomaly**  
697B8B

# Monochromacy



**Original Color**  
6B7995

**Achromatopsia**  
787878

**Achromatomaly**  
737883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7995 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 #6B7995 looks like.

```
.text, #text, p{  
    color:#6B7995  
}
```

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 #6B7995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7995
}
```

## Border

The CSS property to change the border of an element to Hex 6B7995 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
#6B7995 }
```

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

```
.border{ border-color:#6B7995 }
```

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

Here you see how a box with a 4 pixel #6B7995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7995; -webkit-box-shadow:4px 4px  
4px 4px #6B7995; box-shadow:4px 4px 4px  
4px #6B7995 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7995 }
```

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

```
.background{ background-color:#6B7995 }
```

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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