

# Converting Colors

Hex(6D7999)

Have a look what the booklet for  
Hex(6D7999) contains.

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# Color

**Hex(6D7999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7999
RGB	109, 121, 153
RGB Percent	43%, 47%, 60%
CMY	0.5725, 0.5255, 0.4000
CMYK	0.29, 0.21, 0.00, 0.40
HSL	224°, 18%, 51%
HSV	224°, 29%, 60%
XYZ	18.8938, 19.2259, 32.8521
YIQ	121.0600, -17.4240, 7.4080

# Conversions

## Conversions Part 2

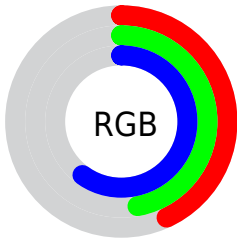
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 118, 153
Decimal	7174553
CIE <sub>Lab</sub>	50.95, 3.23, -18.71
CIE <sub>LCh</sub>	51, 18.987, 279.790
Yxy	19.2259, 0.2662, 0.2709
Android (android.graphics.Color)	4285364633 (0xFF6D7999)
YUV	121.0600, 15.7464, -10.5766
Hunter-Lab	43.8473, 0.1829, -13.7293

# Details

The Hex color **6D7999** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **998D6D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A1ADCF**, and **3C4966** is the 20% darker color. If you saturate the color by 10%, you get **5E6E99**, and if you desaturate by 10%, it is **7C8499**.

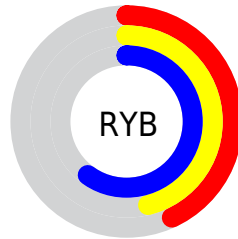
# Distribution



Red (43%)

Green (47%)

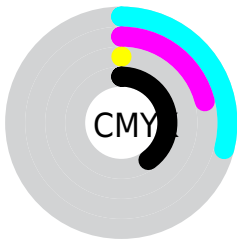
Blue (60%)



Red (43%)

Yellow (46%)

Blue (60%)

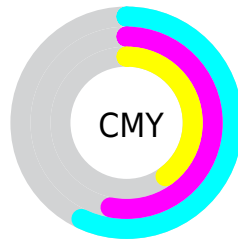


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (53%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7999 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 6D7999 by changing the saturation by 10% instead.



■ 6D7999

■ 6D7999

FFFFFF

■ 54607F

■ A1ADCF

■ 3C4966

■ BDC9EC

■ 24324E

■ D9E5FF

■ 0D1D37

■ F5FFFF

■ 000322

■ 000008

■ 000000

■ 6D7999

■ 6D7999

■ 5E6E99

■ 7C8499

■ 4E6399

■ 8C8F99

■ 3F5899

■ 9B9A99

■ 304C99

■ AAA699

■ 204199

■ BAB199

■ 113699

■ C9BC99

■ 022B99

■ D8C799

■ 002A99

■ E7D299

■ F7DD99

# Harmonies

## Analogous

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



587E97



6D7999



837392

# Triad

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



6D7999



997065



5C826E

# Complementary

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



6D7999



998D6D

# 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.



6E7F60



6D7999



8F755B

# Square

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



6D7999



9A6E75



807A59



4E837E

# Rectangle

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



6D7999



8E708A



807A59



618169

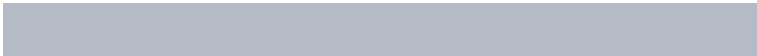


# Sweetspot

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



6D7999



B5BAC7



6D998D



595B63



E3E3E3



636363



# Same Dimension

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



6D7999



8194C7



776D99



45474D



00268C



00030D



# Inverse Universe

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



996D79



C78194



8F996D



4D4547



8C0026

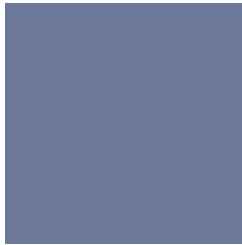


0D0003



# Previews

## White Background



This preview shows how the Hex color 6D7999 looks on a white background.

## Color Contrast Check

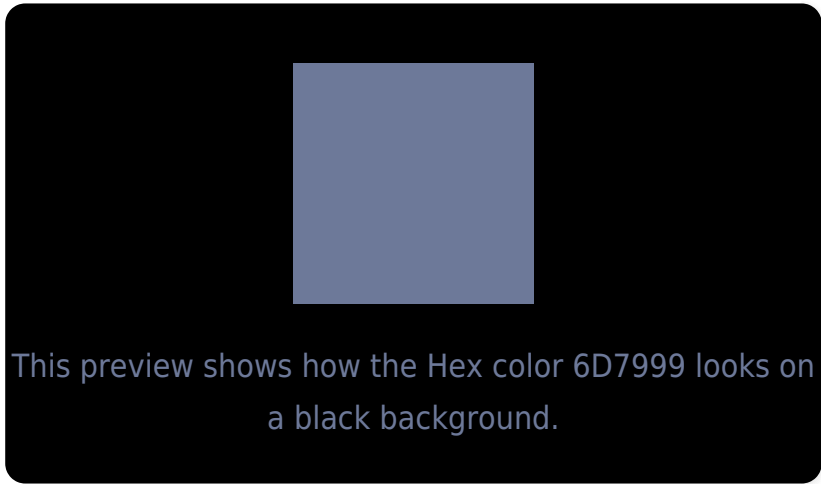
Large Text (above 18pt) WCAG AA ✓ Pass

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

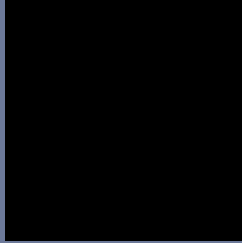
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

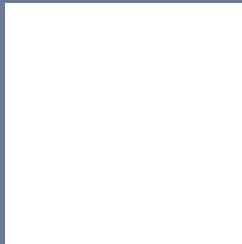
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D7999 Background



This preview shows how black text looks on a background with the Hex color 6D7999.

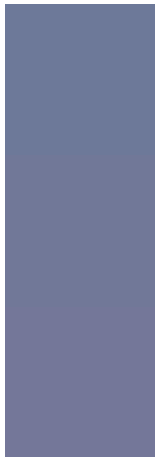


This preview shows how white text looks on a background with the Hex color 6D7999.

# 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](#).

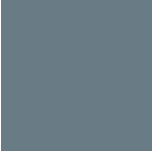
## Dichromacy



**Original Color**  
6D7999

**Protanopia**  
717898

**Deuteranopia**  
747799



**Tritanopia**  
697C86

# Trichromacy



**Original Color**  
6D7999

**Protanomaly**  
707898

**Deuteranomaly**  
717899

**Tritanomaly**  
6A7B8D

# Monochromacy



**Original Color**  
6D7999

**Achromatopsia**  
797979

**Achromatomaly**  
757985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7999 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 #6D7999 looks like.

```
.text, #text, p{  
    color:#6D7999  
}
```

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 #6D7999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7999
}
```

## Border

The CSS property to change the border of an element to Hex 6D7999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

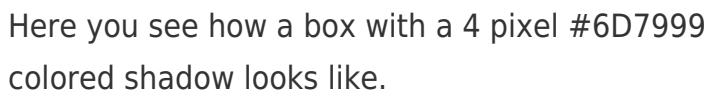
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D7999 }
```

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

```
.border{ border-color:#6D7999 }
```

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



Here you see how a box with a 4 pixel #6D7999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7999; -webkit-box-shadow:4px 4px  
4px 4px #6D7999; box-shadow:4px 4px 4px  
4px #6D7999 }
```

# Background

The CSS property to change the background color of an element to Hex 6D7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7999 }
```

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

```
.background{ background-color:#6D7999 }
```

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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