

# Converting Colors

Hex(6C6C89)

Have a look what the booklet for  
Hex(6C6C89) contains.

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# Color

Hex(6C6C89)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6C89
RGB	108, 108, 137
RGB Percent	42%, 42%, 54%
CMY	0.5765, 0.5765, 0.4627
CMYK	0.21, 0.21, 0.00, 0.46
HSL	240°, 12%, 48%
HSV	240°, 21%, 54%
XYZ	16.0623, 15.7194, 25.8545
YIQ	111.3060, -9.3090, 9.0190

# Conversions

## Conversions Part 2

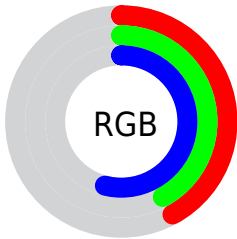
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 108, 137
Decimal	7105673
CIE Lab	46.60, 6.59, -15.91
CIE LCh	47, 17.220, 292.497
Yxy	15.7194, 0.2787, 0.2727
Android (android.graphics.Color)	4285295753 (0xFF6C6C89)
YUV	111.3060, 12.6671, -2.8994
Hunter-Lab	39.6477, 2.9312, -10.9099

# Details

The Hex color **6C6C89** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89896C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A09FBE**, and **3C3D57** is the 20% darker color. If you saturate the color by 10%, you get **5E5E89**, and if you desaturate by 10%, it is **7A7A89**.

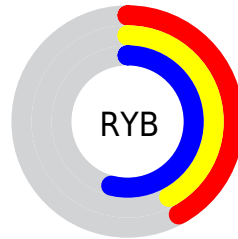
# Distribution



Red (42%)

Green (42%)

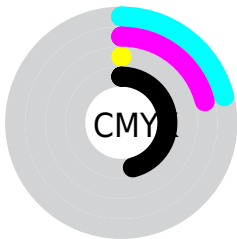
Blue (54%)



Red (42%)

Yellow (42%)

Blue (54%)

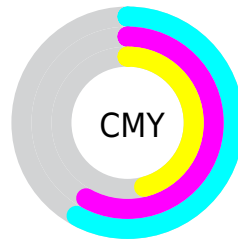


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (58%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6C89 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 6C6C89 by changing the saturation by 10% instead.





6C6C89



6C6C89

FFFFFF



535470



A09FBE



3C3D57



BBBADA



252740



D7D6F7



10132A



F3F2FF



000115



000000



6C6C89



6C6C89



5E5E89



7A7A89



515189



878789

■ 434389

■ 959589

■ 353589

■ A3A389

■ 282889

■ B1B189

■ 1A1A89

■ BEBE89

■ 0C0C89

■ CCCC89

■ 000089

■ DADA89

■ E7E789

# Harmonies

## Analogous

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



58718B



6C6C89



7E6780

# Triad

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



6C6C89



886858



4E766A

# Complementary

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



6C6C89



89896C

# 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.



5D745C



6C6C89



7D6C52

# Square

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



6C6C89



8C6564



6E7154



457679

# Rectangle

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



6C6C89



866577



6E7154



537665



# Sweetspot

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



6C6C89



A8A8B3



6C8989



535359



D9D9D9



595959



# Same Dimension

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



6C6C89



8686B3



7A6C89



3E3E45



000085



000005



# Inverse Universe

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



896C89



B386B3



7A896C



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 6C6C89 looks on a white background.

## Color Contrast Check

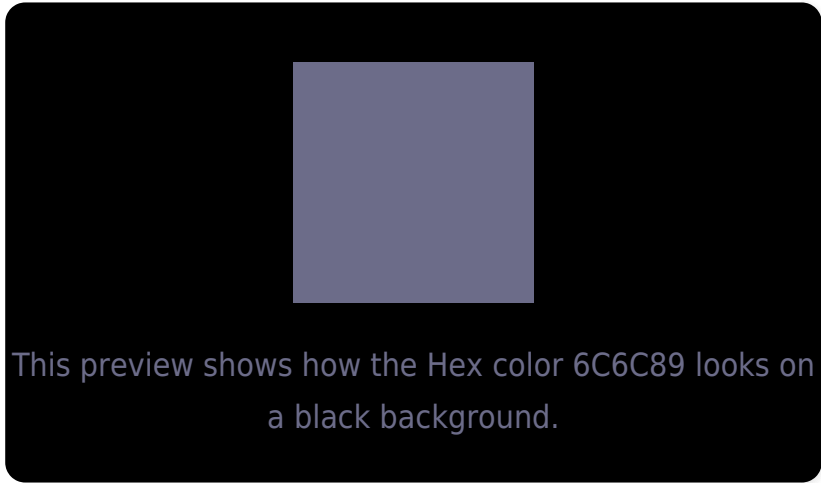
Large Text (above 18pt) WCAG AA ✓ Pass

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

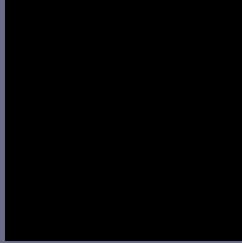
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C6C89 Background



This preview shows how black text looks on a background with the Hex color 6C6C89.



This preview shows how white text looks on a background with the Hex color 6C6C89.

# 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**

6C6C89

**Protanopia**

676D8A

**Deuteranopia**

6C6C89



**Tritanopia**  
696F78

# Trichromacy



**Original Color**  
6C6C89

**Protanomaly**  
696D8A

**Deuteranomaly**  
6C6C89

**Tritanomaly**  
6A6E7E

# Monochromacy



**Original Color**  
6C6C89

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E6E78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6C89 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 #6C6C89 looks like.

```
.text, #text, p{  
    color:#6C6C89  
}
```

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 #6C6C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6C89
}
```

## Border

The CSS property to change the border of an element to Hex 6C6C89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

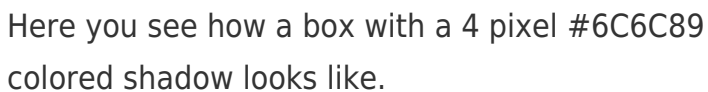
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C6C89 }
```

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

```
.border{ border-color:#6C6C89 }
```

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



Here you see how a box with a 4 pixel #6C6C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6C89; -webkit-box-shadow:4px 4px  
4px 4px #6C6C89; box-shadow:4px 4px 4px  
4px #6C6C89 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6C89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6C89 }
```

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

```
.background{ background-color:#6C6C89 }
```

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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