

# Converting Colors

Hex(6C7397)

Have a look what the booklet for  
Hex(6C7397) contains.

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# Color

**Hex(6C7397)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C7397
RGB	108, 115, 151
RGB Percent	42%, 45%, 59%
CMY	0.5765, 0.5490, 0.4078
CMYK	0.28, 0.24, 0.00, 0.41
HSL	230°, 17%, 51%
HSV	230°, 28%, 59%
XYZ	17.9010, 17.6840, 31.7480
YIQ	117.0110, -15.7280, 9.7120

# Conversions

## Conversions Part 2

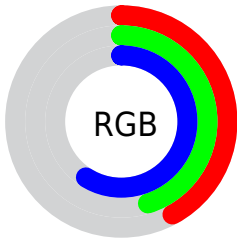
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 114, 151</a>
Decimal	<a href="#">7107479</a>
CIELab	<a href="#">49.11, 5.96, -20.36</a>
CIELCh	<a href="#">49, 21.215, 286.303</a>
Yxy	<a href="#">17.6840, 0.2659, 0.2626</a>
Android (android.graphics.Color)	<a href="#">4285297559 (0xFF6C7397)</a>
YUV	<a href="#">117.0110, 16.7566, -7.9026</a>
Hunter-Lab	<a href="#">42.0523, 2.3930, -15.3252</a>

# Details

The Hex color **6C7397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97906C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A0A7CD**, and **3B4364** is the 20% darker color. If you saturate the color by 10%, you get **5D6697**, and if you desaturate by 10%, it is **7B8097**.

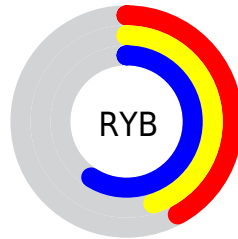
# Distribution



Red (42%)

Green (45%)

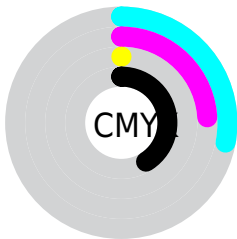
Blue (59%)



Red (42%)

Yellow (45%)

Blue (59%)

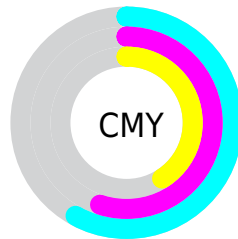


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (55%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7397 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 6C7397 by changing the saturation by 10% instead.





6C7397



6C7397

FFFFFF



535B7D



A0A7CD



3B4364



BCC2EA



242D4C



D8DEFF



0C1935



F4FAFF



000020



000004



000000



6C7397



6C7397



5D6697



7B8097

■ 4E5A97

■ 8A8C97

■ 3F4D97

■ 999997

■ 304097

■ A8A697

■ 213497

■ B8B297

■ 112797

■ C7BF97

■ 021B97

■ D6CB97

■ 001997

■ E5D897

■ F4E597

# Harmonies

## Analogous

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



527997



6C7397



836D8E

# Triad

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



6C7397



956B5B



4F7E6C

# Complementary

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



6C7397



97906C

# 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.



637B5B



6C7397



897152

# Square

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



6C7397



99686B



787752



407F7E

# Rectangle

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



6C7397



8F6984



787752



557D66



# Sweetspot

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



6C7397



B3B6C4



6C9790



595A63



E3E3E3



636363



# Same Dimension

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



6C7397



828CC4



7A6C97



45464D



00178C



00020D



# Inverse Universe

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



976C73



C4828C



89976C



4D4546



8C0017



0D0002



# Previews

## White Background



This preview shows how the Hex color 6C7397 looks on a white background.

## Color Contrast Check

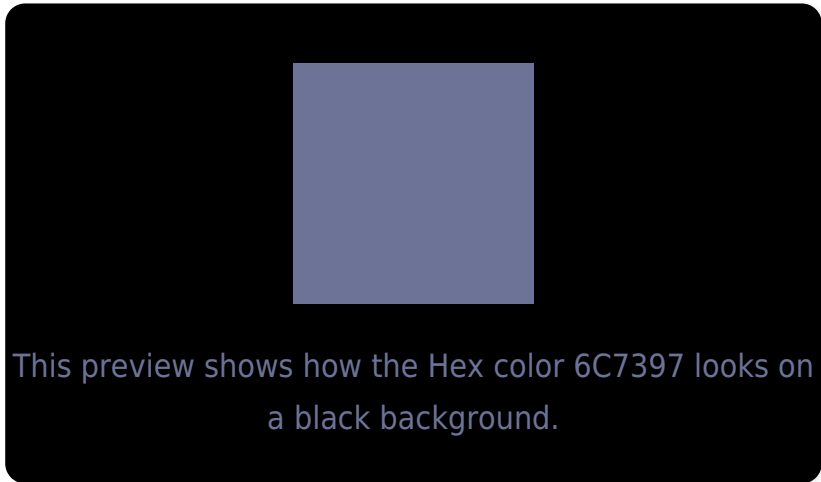
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

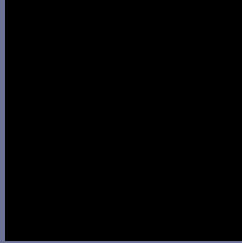
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C7397 Background



This preview shows how black text looks on a background with the Hex color 6C7397.



This preview shows how white text looks on a background with the Hex color 6C7397.

# 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**  
6C7397

**Protanopia**  
6B7397

**Deuteranopia**  
6D7397



**Tritanopia**  
677781

# Trichromacy



**Original Color**  
6C7397

**Protanomaly**  
6B7397

**Deuteranomaly**  
6D7397

**Tritanomaly**  
697689

# Monochromacy



**Original Color**  
6C7397

**Achromatopsia**  
757575

**Achromatomaly**  
727481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7397 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 #6C7397 looks like.

```
.text, #text, p{  
    color:#6C7397  
}
```

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 #6C7397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7397
}
```

## Border

The CSS property to change the border of an element to Hex 6C7397 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
#6C7397 }
```

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

```
.border{ border-color:#6C7397 }
```

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

Here you see how a box with a 4 pixel #6C7397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7397; -webkit-box-shadow:4px 4px  
4px 4px #6C7397; box-shadow:4px 4px 4px  
4px #6C7397 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7397 }
```

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

```
.background{ background-color:#6C7397 }
```

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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