

# Converting Colors

Hex(6C7378)

Have a look what the booklet for  
Hex(6C7378) contains.

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# Color

Hex(6C7378)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C7378
RGB	108, 115, 120
RGB Percent	42%, 45%, 47%
CMY	0.5765, 0.5490, 0.5294
CMYK	0.10, 0.04, 0.00, 0.53
HSL	205°, 5%, 45%
HSV	205°, 10%, 47%
XYZ	15.7052, 16.8057, 20.1854
YIQ	113.4770, -5.7770, 0.0710

# Conversions

## Conversions Part 2

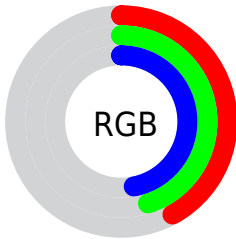
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 112, 120
Decimal	7107448
CIELab	48.01, -1.55, -3.67
CIELCh	48, 3.985, 247.076
Yxy	16.8057, 0.2980, 0.3189
Android (android.graphics.Color)	4285297528 (0xFF6C7378)
YUV	113.4770, 3.2158, -4.8033
Hunter-Lab	40.9947, -3.3567, -0.4974

# Details

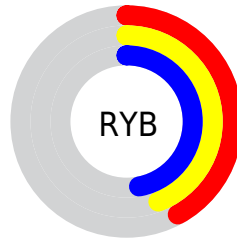
The Hex color **6C7378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78716C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9FA7AC**, and **3D4348** is the 20% darker color. If you saturate the color by 10%, you get **606E78**, and if you desaturate by 10%, it is **787878**.

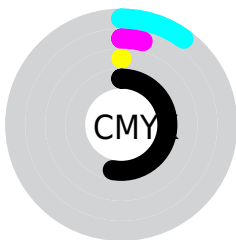
# Distribution



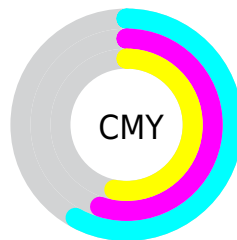
- Red (42%)
- Green (45%)
- Blue (47%)



- Red (42%)
- Yellow (44%)
- Blue (47%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (55%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7378 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 6C7378 by changing the saturation by 10% instead.



■ 6C7378

■ 6C7378

FFFFFF

■ 545A5F

■ 9FA7AC

■ 3D4348

■ BAC2C8

■ 272D31

■ D6DEE4

■ 12181C

■ F3FAFF

■ 000001

■ 000000

■ 6C7378

■ 6C7378

■ 606E78

■ 787878

■ 546978

■ 847D78

486478

908278

3C5F78

9C8778

305A78

A88C78

245578

B49178

185078

C09678

0C4B78

CC9B78

004678

D8A078

# Harmonies

## Analogous

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



6A7476



6C7378



707279

# Triad

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



6C7378



797071



70736D

# Complementary

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



6C7378



78716C

# 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.



74726B



6C7378



79706E

# Square

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



6C7378



777075



77716C



6D746F

# Rectangle

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



6C7378



727178



77716C



71736C



# Sweetspot

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



6C7378



979A9C



6C7871



4C4E4F



CFCFCF



4F4F4F



# Same Dimension

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



6C7378



89949C



6C6D78



373B3D



00497D



0093FC



# Inverse Universe

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



786C73



9C8994



78776C



3D373B



7D0049



FC0093



# Previews

## White Background



This preview shows how the Hex color 6C7378 looks on a white background.

## Color Contrast Check

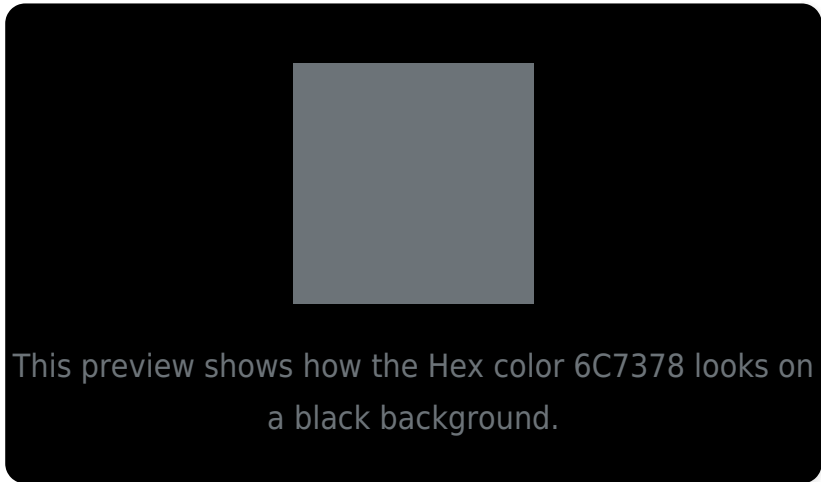
Large Text (above 18pt) WCAG AA ✓ Pass

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

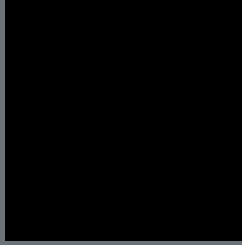
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

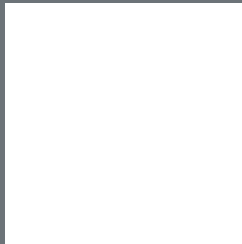
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C7378 Background



This preview shows how black text looks on a background with the Hex color 6C7378.



This preview shows how white text looks on a background with the Hex color 6C7378.

# 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**  
6C7378

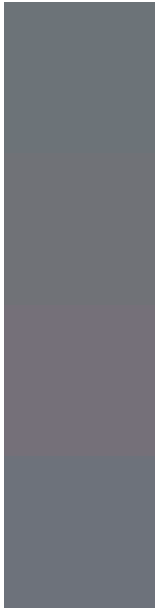
**Protanopia**  
727177

**Deuteranopia**  
7A6F79



**Tritanopia**  
6D727C

# Trichromacy



**Original Color**  
6C7378

**Protanomaly**  
707277

**Deuteranomaly**  
757079

**Tritanomaly**  
6D727B

# Monochromacy



**Original Color**  
6C7378

**Achromatopsia**  
717171

**Achromatomaly**  
6F7274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7378 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 #6C7378 looks like.

```
.text, #text, p{  
    color:#6C7378  
}
```

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 #6C7378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7378  
}
```

## Border

The CSS property to change the border of an element to Hex 6C7378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

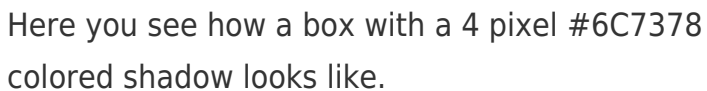
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C7378 }
```

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

```
.border{ border-color:#6C7378 }
```

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



Here you see how a box with a 4 pixel #6C7378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7378; -webkit-box-shadow:4px 4px  
4px 4px #6C7378; box-shadow:4px 4px 4px  
4px #6C7378 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7378 }
```

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

```
.background{ background-color:#6C7378 }
```

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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