

# Converting Colors

Hex(6C7872)

Have a look what the booklet for  
Hex(6C7872) contains.

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# Color

Hex(6C7872)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C7872
RGB	108, 120, 114
RGB Percent	42%, 47%, 45%
CMY	0.5765, 0.5294, 0.5529
CMYK	0.10, 0.00, 0.05, 0.53
HSL	150°, 5%, 45%
HSV	150°, 10%, 47%
XYZ	15.9381, 17.8360, 18.5223
YIQ	115.7280, -5.2260, -4.4100

# Conversions

## Conversions Part 2

Format	Color
<b>R<sub>YB</sub></b>	108, 116, 120
Decimal	7108722
CIE <sub>Lab</sub>	49.30, -5.73, 1.76
CIE <sub>LCh</sub>	49, 5.995, 162.899
Yxy	17.8360, 0.3048, 0.3411
Android (android.graphics.Color)	4285298802 (0xFF6C7872)
YUV	115.7280, -0.8519, -6.7775
Hunter-Lab	42.2327, -6.5436, 3.5597

# Details

The Hex color **6C7872** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786C72**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9FACA6**, and **3D4842** is the 20% darker color. If you saturate the color by 10%, you get **60786C**, and if you desaturate by 10%, it is **787878**.

# Distribution



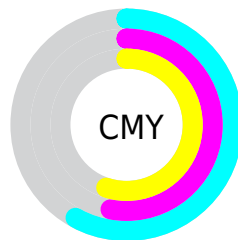
- Red (42%)
- Green (47%)
- Blue (45%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7872 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 6C7872 by changing the saturation by 10% instead.





6C7872



6C7872

FFFFFF



545F5A



9FACA6



3D4842



BAC8C1



27312C



D6E4DD



121C18



F3FFF9



000000



6C7872



6C7872



60786C



787878



547866



84787E



487860



907884

■ 3C785A

■ 9C788A

■ 307854

■ A87890

■ 24784E

■ B47896

■ 187848

■ C0789C

■ 0C7842

■ CC78A2

■ 00783C

■ D878A8

# Harmonies

## Analogous

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



71776E



6C7872



697877

# Triad

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



6C7872



73757F



80726E

# Complementary

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



6C7872



786C72

# 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.



807273



6C7872



79737D

# Square

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



6C7872



6D767F



7E7278



7C746C

# Rectangle

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



6C7872



69787A



7E7278



807270



# Sweetspot

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



6C7872



979C99



72786C



4C4F4D



CFCFCF



4F4F4F



# Same Dimension

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



6C7872



899C92



6C7878



373D3A



007D3E



00FC7E



# Inverse Universe

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



786C72



9C8992



786C6C



3D373A



7D003E



FC007E



# Previews

## White Background



This preview shows how the Hex color 6C7872 looks on a white background.

## Color Contrast Check

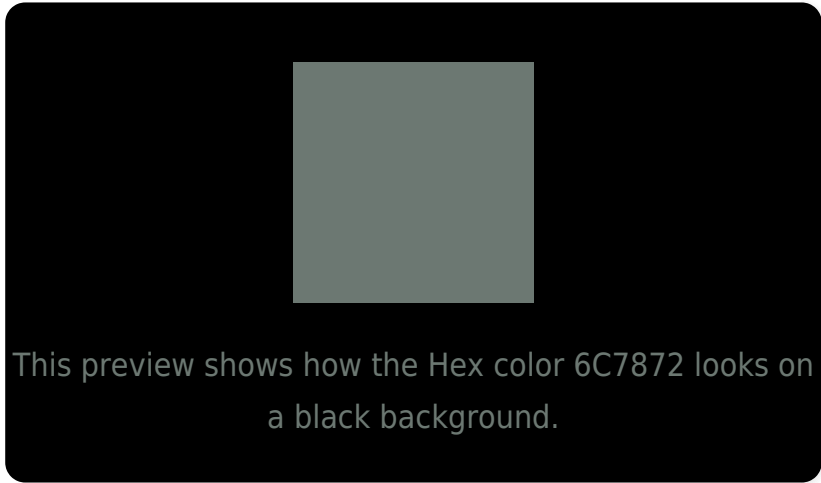
Large Text (above 18pt) WCAG AA ✓ Pass

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

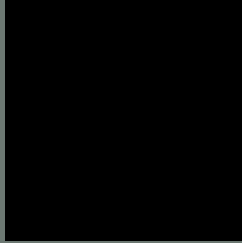
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C7872 Background



This preview shows how black text looks on a background with the Hex color 6C7872.



This preview shows how white text looks on a background with the Hex color 6C7872.

# 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**

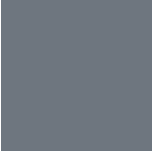
6C7872

**Protanopia**

787570

**Deuteranopia**

817173



**Tritanopia**  
6E767F

# Trichromacy



**Original Color**  
6C7872

**Protanomaly**  
747671

**Deuteranomaly**  
797473

**Tritanomaly**  
6D777A

# Monochromacy



**Original Color**  
6C7872

**Achromatopsia**  
747474

**Achromatomaly**  
717573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7872 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 #6C7872 looks like.

```
.text, #text, p{  
    color:#6C7872  
}
```

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 #6C7872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7872
}
```

## Border

The CSS property to change the border of an element to Hex 6C7872 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
#6C7872 }
```

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

```
.border{ border-color:#6C7872 }
```

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

Here you see how a box with a 4 pixel #6C7872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7872; -webkit-box-shadow:4px 4px  
4px 4px #6C7872; box-shadow:4px 4px 4px  
4px #6C7872 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7872 }
```

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

```
.background{ background-color:#6C7872 }
```

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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