

Converting Colors

Hex(6D7872)

Have a look what the booklet for
Hex(6D7872) contains.

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Color

Hex(6D7872)

Conversions

Conversions Part 1

Format	Color
Hex	6D7872
RGB	109, 120, 114
RGB Percent	43%, 47%, 45%
CMY	0.5725, 0.5294, 0.5529
CMYK	0.09, 0.00, 0.05, 0.53
HSL	147°, 5%, 45%
HSV	147°, 9%, 47%
XYZ	16.0604, 17.8991, 18.5280
YIQ	116.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

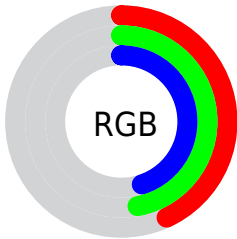
Format	Color
RYB	109, 117, 120
Decimal	7174258
CIELab	49.37, -5.36, 1.88
CIELCh	49, 5.679, 160.626
Yxy	17.8991, 0.3060, 0.3410
Android (android.graphics.Color)	4285364338 (0xFF6D7872)
YUV	116.0270, -0.9993, -6.1627
Hunter-Lab	42.3073, -6.2767, 3.6497

Details

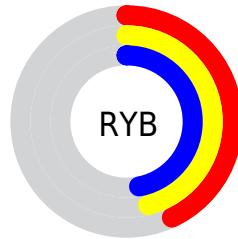
The Hex color **6D7872** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786D73**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A1ACA6**, and **3D4842** is the 20% darker color. If you saturate the color by 10%, you get **61786B**, and if you desaturate by 10%, it is **797879**.

Distribution



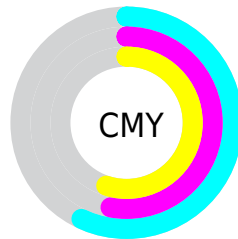
- Red (43%)
- Green (47%)
- Blue (45%)



- Red (43%)
- Yellow (46%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7872 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 6D7872 by changing the saturation by 10% instead.

6D7872

6D7872

FFFFFF

555F5A

A1ACA6

3D4842

BCC8C1

28312C

D7E4DD

131C18

F4FFF9

000000

6D7872

6D7872

61786B

797879

557865

85787F

49785E

917886

■ 3D7858

■ 9D788C

■ 317851

■ A97893

■ 25784B

■ B57899

■ 197844

■ C178A0

■ 0D783E

■ CD78A6

■ 017837

■ D978AD

Harmonies

Analogous

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



72776E



6D7872



6A7877

Triad

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



6D7872



73757F



7F736F

Complementary

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



6D7872



786D73

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.



807274



6D7872



78747D

Square

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



6D7872



6D777E



7D7279



7D746C

Rectangle

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



6D7872



6A787A



7D7279



807271

Sweetspot

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



6D7872



979C99



73786D



4C4F4D



CFCFCF



4F4F4F

Same Dimension

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



6D7872



8A9C92



6D7877



373D3A



007D39



00FC73

Inverse Universe

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



786D73



9C8A94



786D6E



3D373A



7D0044



FC008A

Previews

White Background



This preview shows how the Hex color 6D7872 looks on a white background.

Color Contrast Check

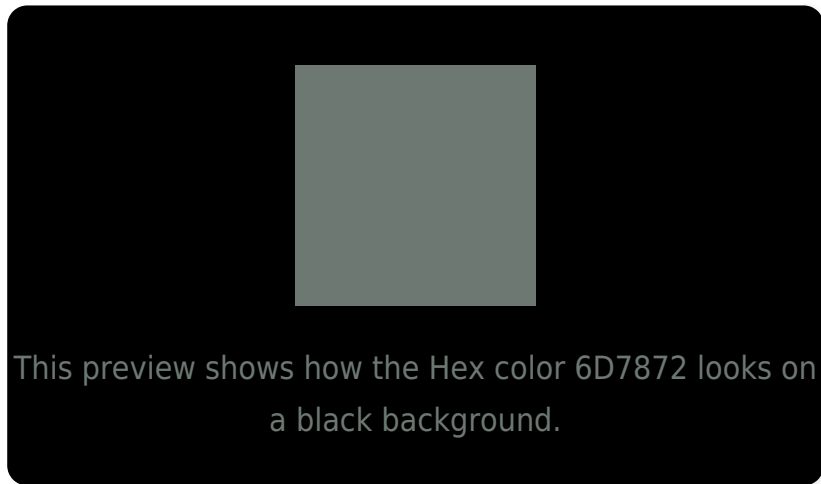
Large Text (above 18pt) WCAG AA ✓ Pass

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

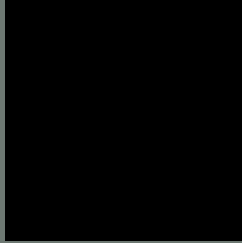
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

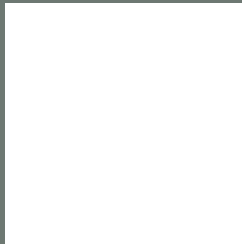
Any Text WCAG AAA × Fail

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

Hex 6D7872 Background



This preview shows how black text looks on a background with the Hex color 6D7872.

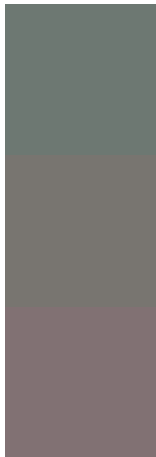


This preview shows how white text looks on a background with the Hex color 6D7872.

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](#).

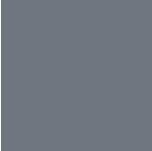
Dichromacy



Original Color
6D7872

Protanopia
787570

Deuteranopia
817173



Tritanopia
6F767F

Trichromacy



Original Color
6D7872

Protanomaly
747671

Deuteranomaly
7A7473

Tritanomaly
6E777A

Monochromacy



Original Color
6D7872

Achromatopsia
747474

Achromatomaly
717573

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7872 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 #6D7872 looks like.

```
.text, #text, p{  
    color:#6D7872  
}
```

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 #6D7872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7872
}
```

Border

The CSS property to change the border of an element to Hex 6D7872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

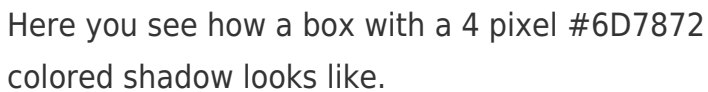
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D7872 }
```

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

```
.border{ border-color:#6D7872 }
```

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



Here you see how a box with a 4 pixel #6D7872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7872; -webkit-box-shadow:4px 4px  
4px 4px #6D7872; box-shadow:4px 4px 4px  
4px #6D7872 }
```

Background

The CSS property to change the background color of an element to Hex 6D7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7872 }
```

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

```
.background{ background-color:#6D7872 }
```

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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