

Converting Colors

Hex(6C7068)

Have a look what the booklet for
Hex(6C7068) contains.

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Color

Hex(6C7068)

Conversions

Conversions Part 1

Format	Color
Hex	6C7068
RGB	108, 112, 104
RGB Percent	42%, 44%, 41%
CMY	0.5765, 0.5608, 0.5922
CMYK	0.04, 0.00, 0.07, 0.56
HSL	90°, 4%, 42%
HSV	90°, 7%, 44%
XYZ	14.4772, 15.7760, 15.3787
YIQ	109.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

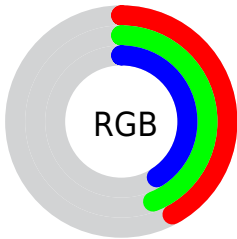
Format	Color
RYB	104, 112, 108
Decimal	7106664
CIELab	46.68, -3.14, 3.91
CIElCh	47, 5.018, 128.788
Yxy	15.7760, 0.3173, 0.3457
Android (android.graphics.Color)	4285296744 (0xFF6C7068)
YUV	109.8920, -2.9048, -1.6593
Hunter-Lab	39.7190, -4.4466, 4.8469

Details

The Hex color **6C7068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C6870**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9FA49B**, and **3D4039** is the 20% darker color. If you saturate the color by 10%, you get **66705D**, and if you desaturate by 10%, it is **727073**.

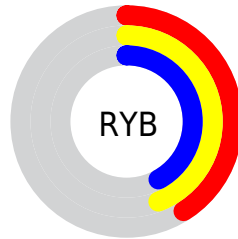
Distribution



Red (42%)

Green (44%)

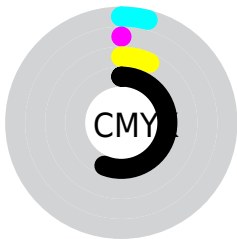
Blue (41%)



Red (41%)

Yellow (44%)

Blue (42%)

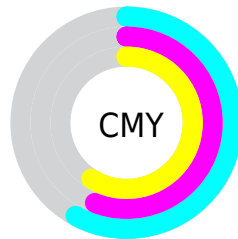


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7068 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 6C7068 by changing the saturation by 10% instead.

6C7068

6C7068

FFFFFF

545850

9FA49B

3D4039

BABFB6

272A24

D6DBD1

12160E

F2F7EE

000000

6C7068

6C7068

66705D

727073

617052

77707E

5B7046

7D708A

■ 56703B

■ 827095

■ 507030

■ 8870A0

■ 4A7025

■ 8E70AB

■ 45701A

■ 9370B6

■ 3F700E

■ 9970C2

■ 3A7003

■ 9E70CD

Harmonies

Analogous

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



716F66



6C7068



68716B

Triad

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



6C7068



677076



786C6D

Complementary

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



6C7068



6C6870

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.



756C72



6C7068



6C6F77

Square

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



6C7068



657174



716D75



786C6A

Rectangle

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



6C7068



65716E



716D75



776C6F

Sweetspot

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



6C7068



90918E



706C68



494A48



C9C9C9



4A4A4A

Same Dimension

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



6C7068



8B9184



687068



353832



3C7800



7CF700

Inverse Universe

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



6C6870



8B8491



706870



353238



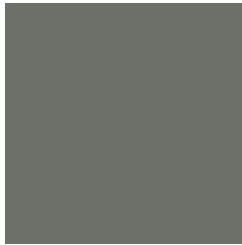
3C0078



7C00F7

Previews

White Background



This preview shows how the Hex color 6C7068 looks on a white background.

Color Contrast Check

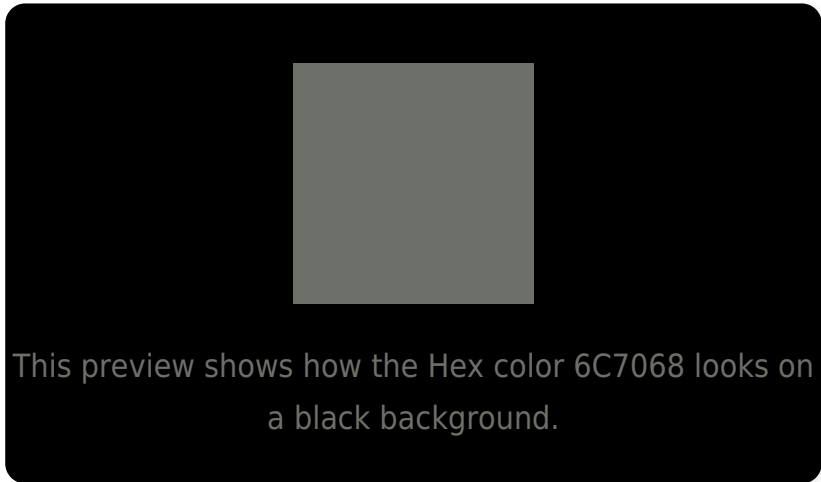
Large Text (above 18pt) WCAG AA ✓ Pass

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

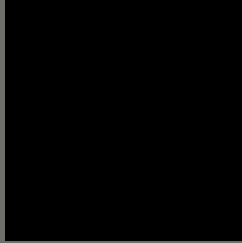
Any Text WCAG AA × Fail

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 6C7068 Background



This preview shows how black text looks on a background with the Hex color 6C7068.

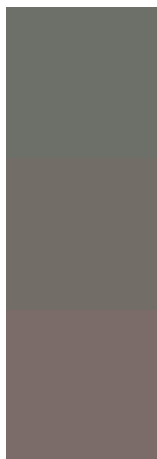


This preview shows how white text looks on a background with the Hex color 6C7068.

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

6C7068

Protanopia

726E67

Deuteranopia

7B6B69



Tritanopia
6E6E77

Trichromacy



Original Color

6C7068

Protanomaly

706F67

Deuteranomaly

766D69

Tritanomaly

6D6F72

Monochromacy



Original Color

6C7068

Achromatopsia

6E6E6E

Achromatomaly

6D6F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7068 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 #6C7068 looks like.

```
.text, #text, p{  
    color:#6C7068  
}
```

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 #6C7068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7068  
}
```

Border

The CSS property to change the border of an element to Hex 6C7068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

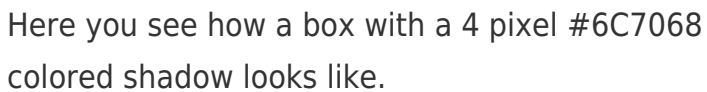
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C7068 }
```

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

```
.border{ border-color:#6C7068 }
```

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



Here you see how a box with a 4 pixel #6C7068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7068; -webkit-box-shadow:4px 4px  
4px 4px #6C7068; box-shadow:4px 4px 4px  
4px #6C7068 }
```

Background

The CSS property to change the background color of an element to Hex 6C7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7068 }
```

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

```
.background{ background-color:#6C7068 }
```

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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