

Converting Colors

Hex(657068)

Have a look what the booklet for
Hex(657068) contains.

Hex(657068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(657068)

Conversions

Conversions Part 1

Format	Color
Hex	657068
RGB	101, 112, 104
RGB Percent	40%, 44%, 41%
CMY	0.6039, 0.5608, 0.5922
CMYK	0.10, 0.00, 0.07, 0.56
HSL	136°, 5%, 42%
HSV	136°, 10%, 44%
XYZ	13.6597, 15.3545, 15.3405
YIQ	107.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

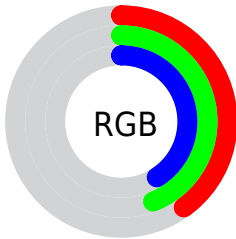
Format	Color
R_{YB}	101, 110, 112
Decimal	6647912
CIE Lab	46.12, -5.84, 3.03
CIE LCh	46, 6.578, 152.601
Yxy	15.3545, 0.3080, 0.3462
Android (android.graphics.Color)	4284837992 (0xFF657068)
YUV	107.7990, -1.8729, -5.9627
Hunter-Lab	39.1848, -6.3490, 4.2179

Details

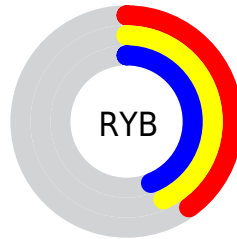
The Hex color **657068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70656D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **98A49B**, and **364039** is the 20% darker color. If you saturate the color by 10%, you get **5A7060**, and if you desaturate by 10%, it is **707070**.

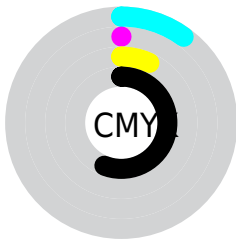
Distribution



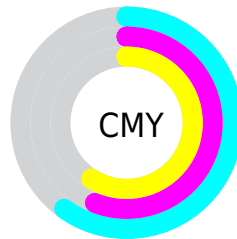
- Red (40%)
- Green (44%)
- Blue (41%)



- Red (40%)
- Yellow (43%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657068 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 657068 by changing the saturation by 10% instead.

657068

657068

FFFFFF

4D5850

98A49B

364039

B3BFB6

212A24

CEDBD1

0B160E

EAF7EE

000000

657068

657068

5A7060

707070

4F7058

7B7078

437050

877080

■ 387047

■ 927089

■ 2D703F

■ 9D7091

■ 227037

■ A87099

■ 17702F

■ B370A1

■ 0B7027

■ BF70A9

■ 00701F

■ CA70B1

Harmonies

Analogous

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



6B6F64



657068



61716D

Triad

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



657068



686E78



796A68

Complementary

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



657068



70656D

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.



796A6D



657068



6F6C76

Square

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



657068



626F77



756A72



766B64

Rectangle

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



657068



607071



756A72



796A69

Sweetspot

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



657068



8D918E



6D7065



474A48



C9C9C9



4A4A4A

Same Dimension

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



657068



809185



65706D



323834



007821



00F743

Inverse Universe

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



70656D



91808D



706568



383237



780057



F700B4

Previews

White Background



This preview shows how the Hex color 657068 looks on a white background.

Color Contrast Check

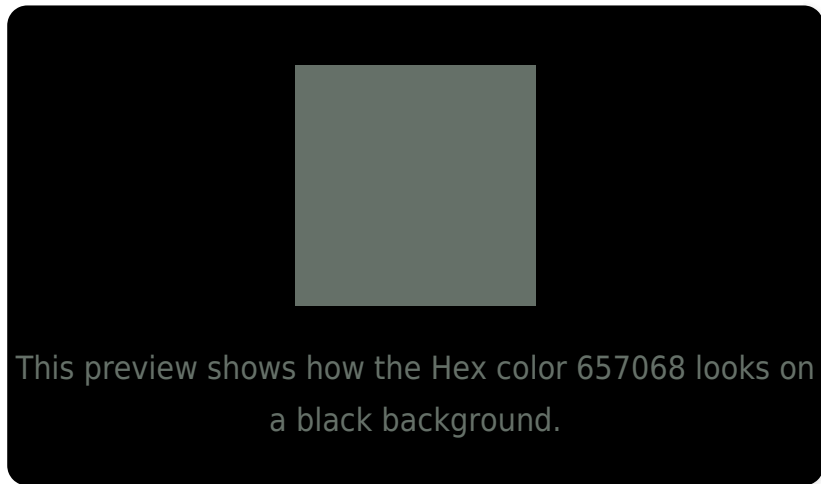
Large Text (above 18pt) WCAG AA ✓ Pass

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

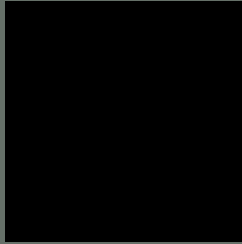
Any Text WCAG AA × Fail

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 657068 Background



This preview shows how black text looks on a background with the Hex color 657068.

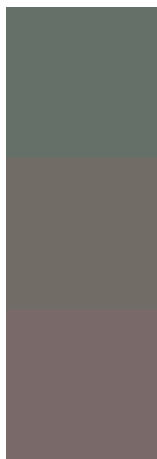


This preview shows how white text looks on a background with the Hex color 657068.

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
657068

Protanopia
716D66

Deuteranopia
796969



Tritanopia
676E77

Trichromacy



Original Color
657068

Protanomaly
6D6E67

Deuteranomaly
726C69

Tritanomaly
666F72

Monochromacy



Original Color
657068

Achromatopsia
6C6C6C

Achromatomaly
696D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 657068 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 #657068 looks like.

```
.text, #text, p{  
    color:#657068  
}
```

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 #657068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657068
}
```

Border

The CSS property to change the border of an element to Hex 657068 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
#657068 }
```

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

```
.border{ border-color:#657068 }
```

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

Here you see how a box with a 4 pixel #657068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657068; -webkit-box-shadow:4px 4px  
4px 4px #657068; box-shadow:4px 4px 4px  
4px #657068 }
```

Background

The CSS property to change the background color of an element to Hex 657068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657068 }
```

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

```
.background{ background-color:#657068 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor