

Converting Colors

Hex(657A6B)

Have a look what the booklet for
Hex(657A6B) contains.

Hex(657A6B)	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(657A6B)

Conversions

Conversions Part 1

Format	Color
Hex	657A6B
RGB	101, 122, 107
RGB Percent	40%, 48%, 42%
CMY	0.6039, 0.5216, 0.5804
CMYK	0.17, 0.00, 0.12, 0.52
HSL	137°, 9%, 44%
HSV	137°, 17%, 48%
XYZ	14.9802, 17.7473, 16.5459
YIQ	114.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

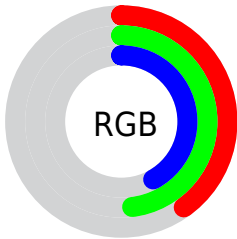
Format	Color
RYB	101, 117, 122
Decimal	6650475
CIELab	49.19, -10.90, 5.67
CIELCh	49, 12.286, 152.534
Yxy	17.7473, 0.3040, 0.3602
Android (android.graphics.Color)	4284840555 (0xFF657A6B)
YUV	114.0110, -3.4564, -11.4106
Hunter-Lab	42.1276, -10.2501, 6.2026

Details

The Hex color **657A6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6574**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **98AE9E**, and **36493C** is the 20% darker color. If you saturate the color by 10%, you get **597A62**, and if you desaturate by 10%, it is **717A74**.

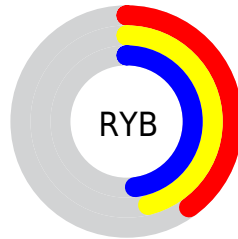
Distribution



Red (40%)

Green (48%)

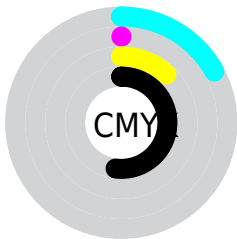
Blue (42%)



Red (40%)

Yellow (46%)

Blue (48%)

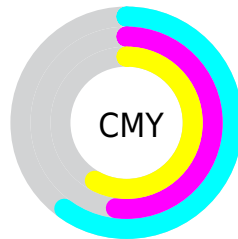


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (52%)



Cyan (60%)

Magenta (52%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657A6B 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 657A6B by changing the saturation by 10% instead.

■ 657A6B

■ 657A6B

FFFFFF

■ 4D6153

■ 98AE9E

■ 36493C

■ B3CAB9

■ 203326

■ CFE6D5

■ 0B1E11

■ EBFFF1

■ 000000

■ 657A6B

■ 657A6B

■ 597A62

■ 717A74

■ 4D7A5A

■ 7D7A7C

■ 407A51

■ 8A7A85

 347A48

 967A8E

 287A3F

 A27A97

 1C7A37

 AE7A9F

 107A2E

 BA7AA8

 037A25

 C77AB1

 007A23

 D37AB9

Harmonies

Analogous

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



717863



657A6B



5C7B75

Triad

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



657A6B



6A7589



8B6E6A

Complementary

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



657A6B



7A6574

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.



8A6E74



657A6B



787286

Square

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



657A6B



5F7987



836F7F



867163

Rectangle

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



657A6B



5A7B7C



836F7F



8B6E6D

Sweetspot

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



657A6B



969E98



747A65



4A4F4C



CFCFCF



4F4F4F

Same Dimension

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



657A6B



7D9E86



657A75



373D39



007D24



00FC48

Inverse Universe

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



7A6574



9E7D95



7A656A



3D373B



7D0059



FC00B4

Previews

White Background



This preview shows how the Hex color 657A6B looks on a white background.

Color Contrast Check

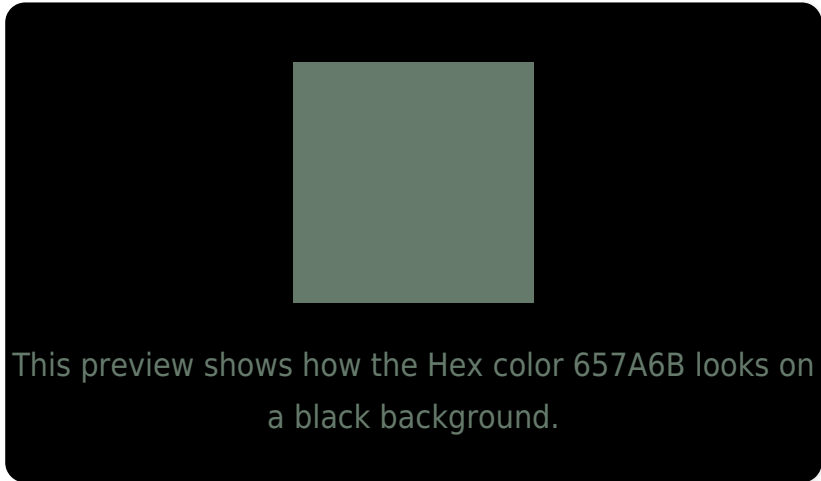
Large Text (above 18pt) WCAG AA ✓ Pass

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

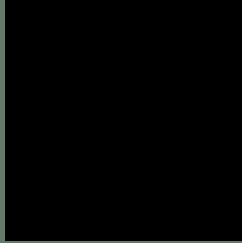
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

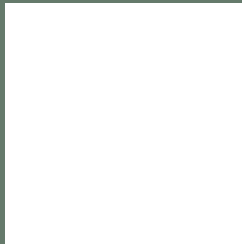
Any Text WCAG AAA × Fail

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

Hex 657A6B Background



This preview shows how black text looks on a background with the Hex color 657A6B.

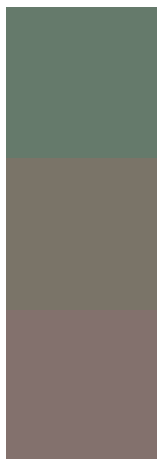


This preview shows how white text looks on a background with the Hex color 657A6B.

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
657A6B

Protanopia
7A7468

Deuteranopia
83716D



Tritanopia
697780

Trichromacy



Original Color
657A6B

Protanomaly
727669

Deuteranomaly
78746C

Tritanomaly
687878

Monochromacy



Original Color
657A6B

Achromatopsia
727272

Achromatomaly
6D756F

CSS Examples

Text

The CSS property to change the color of the text to Hex 657A6B 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 #657A6B looks like.

```
.text, #text, p{  
    color:#657A6B  
}
```

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 #657A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657A6B
}
```

Border

The CSS property to change the border of an element to Hex 657A6B 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
#657A6B }
```

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

```
.border{ border-color:#657A6B }
```

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

Here you see how a box with a 4 pixel #657A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657A6B; -webkit-box-shadow:4px 4px  
4px 4px #657A6B; box-shadow:4px 4px 4px  
4px #657A6B }
```

Background

The CSS property to change the background color of an element to Hex 657A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657A6B }
```

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

```
.background{ background-color:#657A6B }
```

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