

Converting Colors

Hex(67817E)

Have a look what the booklet for
Hex(67817E) contains.

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Color

Hex(67817E)

Conversions

Conversions Part 1

Format	Color
Hex	67817E
RGB	103, 129, 126
RGB Percent	40%, 51%, 49%
CMY	0.5961, 0.4941, 0.5059
CMYK	0.20, 0.00, 0.02, 0.49
HSL	173°, 11%, 45%
HSV	173°, 20%, 51%
XYZ	17.2097, 20.0904, 22.7095
YIQ	120.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

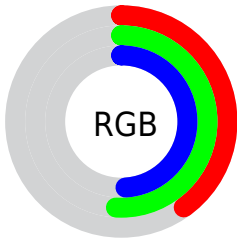
Format	Color
R_{YB}	103, 117, 129
Decimal	6783358
CIE Lab	51.94, -9.98, -1.47
CIE LCh	52, 10.083, 188.387
Yxy	20.0904, 0.2868, 0.3348
Android (android.graphics.Color)	4284973438 (0xFF67817E)
YUV	120.8840, 2.5222, -15.6843
Hunter-Lab	44.8224, -9.9035, 1.3361

Details

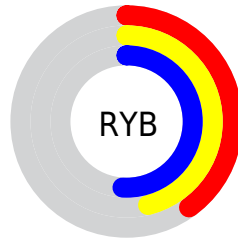
The Hex color **67817E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **81676A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9BB6B3**, and **37504D** is the 20% darker color. If you saturate the color by 10%, you get **5A817D**, and if you desaturate by 10%, it is **74817F**.

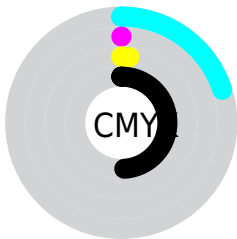
Distribution



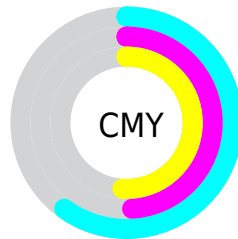
- Red (40%)
- Green (51%)
- Blue (49%)



- Red (40%)
- Yellow (46%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67817E 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 67817E by changing the saturation by 10% instead.

67817E

67817E

FFFFFF

4F6865

9BB6B3

37504D

B5D1CE

213936

D1EEEA

0B2321

EEFFFF

000D0A

000000

67817E

67817E

5A817D

74817F

4D817B

818181

■ 40817A

■ 8E8182

■ 338178

■ 9B8184

■ 278177

■ A88185

■ 1A8175

■ B48187

■ 0D8174

■ C18188

■ 008172

■ CE818A

■ DB818B

Harmonies

Analogous

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



6D8075



67817E



668086

Triad

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



67817E



817989



89796C

Complementary

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



67817E



81676A

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.



8E7771



67817E



897782

Square

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



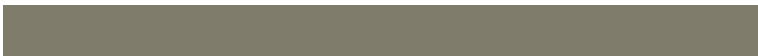
67817E



767C8D



8E767A



807C6B

Rectangle

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



67817E



697F8A



8E767A



8B786D

Sweetspot

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



67817E



9EA8A7



6A8167



4E5453



D4D4D4



545454

Same Dimension

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



67817E



80A8A4



677781



39403F



008071



000000

Inverse Universe

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



81676A



A88085



817167



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 67817E looks on a white background.

Color Contrast Check

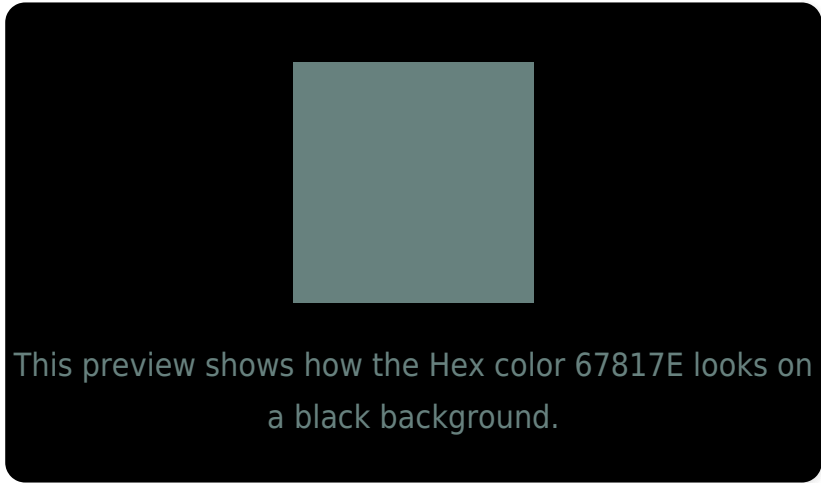
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

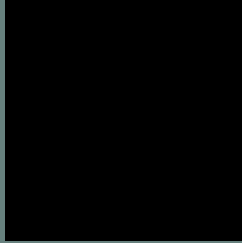
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

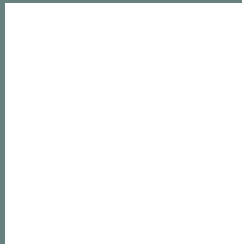
Any Text WCAG AAA × Fail

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

Hex 67817E Background



This preview shows how black text looks on a background with the Hex color 67817E.

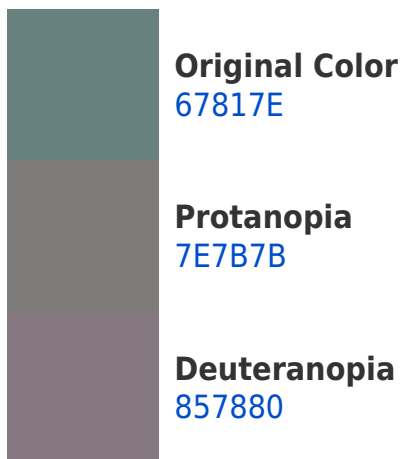


This preview shows how white text looks on a background with the Hex color 67817E.

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





Tritanopia
697F89

Trichromacy



Original Color
67817E

Protanomaly
767D7C

Deuteranomaly
7A7B7F

Tritanomaly
688085

Monochromacy



Original Color
67817E

Achromatopsia
797979

Achromatomaly
727C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 67817E 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 #67817E looks like.

```
.text, #text, p{  
    color:#67817E  
}
```

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 #67817E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67817E
}
```

Border

The CSS property to change the border of an element to Hex 67817E 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
#67817E }
```

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

```
.border{ border-color:#67817E }
```

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

Here you see how a box with a 4 pixel #67817E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67817E; -webkit-box-shadow:4px 4px  
4px 4px #67817E; box-shadow:4px 4px 4px  
4px #67817E }
```

Background

The CSS property to change the background color of an element to Hex 67817E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67817E }
```

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

```
.background{ background-color:#67817E }
```

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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