

Converting Colors

Hex(64917E)

Have a look what the booklet for
Hex(64917E) contains.

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Color

Hex(64917E)

Conversions

Conversions Part 1

Format	Color
Hex	64917E
RGB	100, 145, 126
RGB Percent	39%, 57%, 49%
CMY	0.6078, 0.4314, 0.5059
CMYK	0.31, 0.00, 0.13, 0.43
HSL	155°, 18%, 48%
HSV	155°, 31%, 57%
XYZ	19.1468, 24.4665, 23.4520
YIQ	129.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

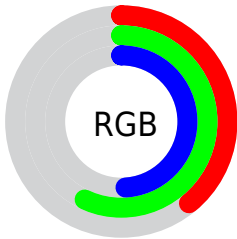
Format	Color
RYB	100, 129, 145
Decimal	6590846
CIELab	56.55, -19.62, 5.20
CIELCh	57, 20.297, 165.147
Yxy	24.4665, 0.2855, 0.3648
Android (android.graphics.Color)	4284780926 (0xFF64917E)
YUV	129.3790, -1.6658, -25.7654
Hunter-Lab	49.4636, -17.4659, 6.5135

Details

The Hex color **64917E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **916477**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **98C7B3**, and **335E4D** is the 20% darker color. If you saturate the color by 10%, you get **569178**, and if you desaturate by 10%, it is **739184**.

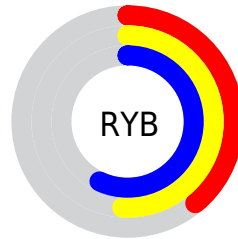
Distribution



Red (39%)

Green (57%)

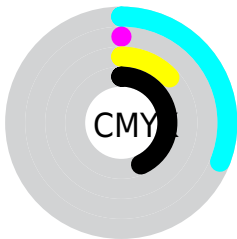
Blue (49%)



Red (39%)

Yellow (51%)

Blue (57%)

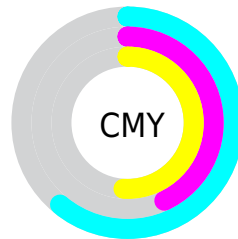


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (43%)



Cyan (61%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64917E 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 64917E by changing the saturation by 10% instead.



64917E



64917E

FFFFFF



4B7765



98C7B3



335E4D



B3E3CE



1B4636



CFFFEA



013021



ECFFFF



001C0A



000000



64917E



64917E



569178



739184



479172



81918A

39916C

909190

2A9166

9E9196

1B915F

AD919D

0D9159

BB91A3

009154

CA91A9

D891AF

E691B5

Harmonies

Analogous

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



778E6E



64917E



569290

Triad

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



64917E



7F86AA



A87E6F

Complementary

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



64917E



916477

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.



AC7B7F



64917E



9580A1

Square

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



64917E



678CA9



A57C91



9D8366

Rectangle

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



64917E



55919B



A57C91



AB7D74

Sweetspot

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



64917E



ACBDB6



779164



545E5A



DEDEDE



5E5E5E

Same Dimension

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



64917E



77BD9F



648E91



404744



00874E



000804

Inverse Universe

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



916477



BD7794



916764



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 64917E looks on a white background.

Color Contrast Check

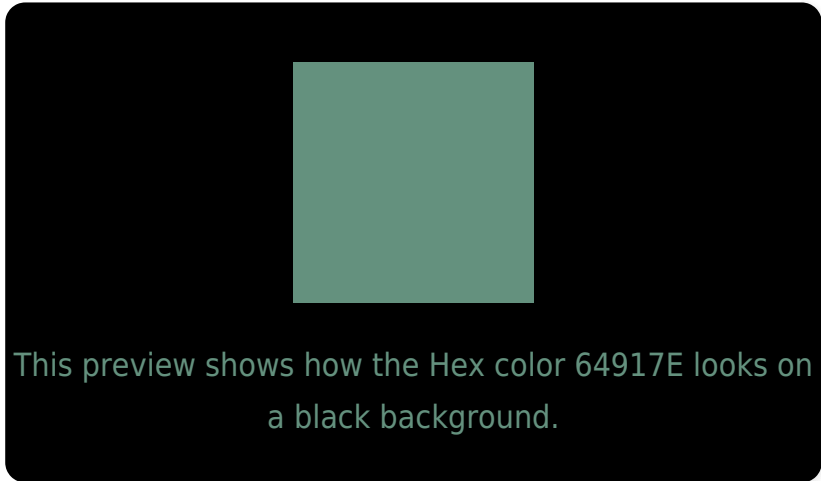
Large Text (above 18pt) WCAG AA ✓ Pass

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

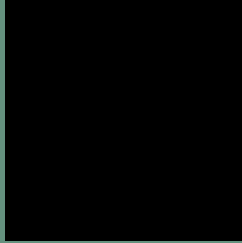
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

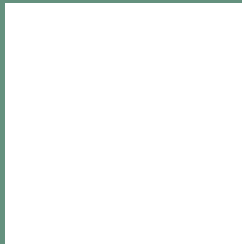
Any Text WCAG AAA × Fail

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

Hex 64917E Background



This preview shows how black text looks on a background with the Hex color 64917E.



This preview shows how white text looks on a background with the Hex color 64917E.

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
64917E

Protanopia
8D8779

Deuteranopia
968381

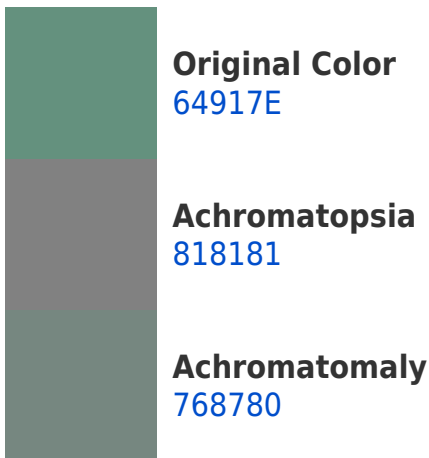


Tritanopia
6A8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64917E 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 #64917E looks like.

```
.text, #text, p{  
    color:#64917E  
}
```

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 #64917E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64917E
}
```

Border

The CSS property to change the border of an element to Hex 64917E 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
#64917E }
```

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

```
.border{ border-color:#64917E }
```

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

Here you see how a box with a 4 pixel #64917E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64917E; -webkit-box-shadow:4px 4px  
4px 4px #64917E; box-shadow:4px 4px 4px  
4px #64917E }
```

Background

The CSS property to change the background color of an element to Hex 64917E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64917E }
```

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

```
.background{ background-color:#64917E }
```

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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