

Converting Colors

Hex(44917E)

Have a look what the booklet for
Hex(44917E) contains.

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Color

Hex(44917E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 44917E |
| RGB | 68, 145, 126 |
| RGB Percent | 27%, 57%, 49% |
| CMY | 0.7333, 0.4314, 0.5059 |
| CMYK | 0.53, 0.00, 0.13, 0.43 |
| HSL | 165°, 36%, 42% |
| HSV | 165°, 53%, 57% |
| XYZ | 16.2752, 22.9861, 23.3176 |
| YIQ | 119.8110, -39.7930, -22.2330 |

Conversions

Conversions Part 2

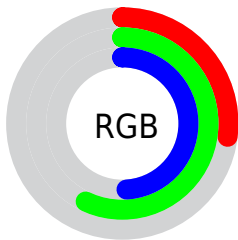
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 68, 112, 145 |
| Decimal | 4493694 |
| CIE Lab | 55.06, -28.63, 2.86 |
| CIE LCh | 55, 28.776, 174.302 |
| Yxy | 22.9861, 0.2601, 0.3673 |
| Android (android.graphics.Color) | 4282683774 (0xFF44917E) |
| YUV | 119.8110, 3.0512, -45.4382 |
| Hunter-Lab | 47.9438, -23.3074, 4.7248 |

Details

The Hex color **44917E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **914457**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7AC7B3**, and **005E4D** is the 20% darker color. If you saturate the color by 10%, you get **36917A**, and if you desaturate by 10%, it is **539182**.

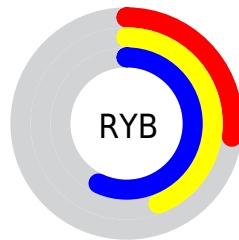
Distribution



Red (27%)

Green (57%)

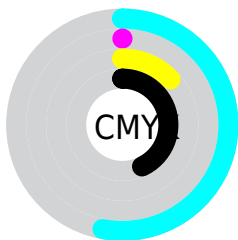
Blue (49%)



Red (27%)

Yellow (44%)

Blue (57%)

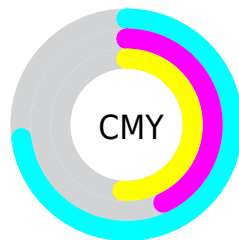


Cyan (53%)

Magenta (0%)

Yellow (13%)

Black (43%)



Cyan (73%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44917E 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 44917E by changing the saturation by 10% instead.

 44917E

 44917E

FFFFFF

 287765

 7AC7B3

 005E4D

 96E4CE

 004636

 B1FFEA

 002F21

 CEFFFF

 001B0B

 EBFFFF

 000000

 44917E

 44917E

 36917A

 539182

 279177

 619185

■ 199173

■ 709189

■ 0A9170

■ 7E918C

■ 00916D

■ 8D9190

■ 9B9193

■ AA9197

■ B8919B

■ C6919E

Harmonies

Analogous

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



638E66



44917E



2A9197

Triad

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



44917E



807FB1



AC785C

Complementary

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



44917E



914457

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.



B57271



44917E



9F76A1

Square

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



44917E



5988B5



B1718A



998152

Rectangle

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



44917E



2B8FA6



B1718A



B07662

Sweetspot

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



44917E



9FBDB5



579144



4C5E5A



DEDEDE



5E5E5E

Same Dimension

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



44917E



44BD9F



447E91



404746



008766



000806

Inverse Universe

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



914457



BD4462



915744



474042



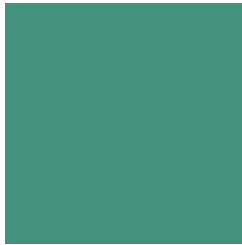
870021



080002

Previews

White Background



This preview shows how the Hex color 44917E looks on a white background.

Color Contrast Check

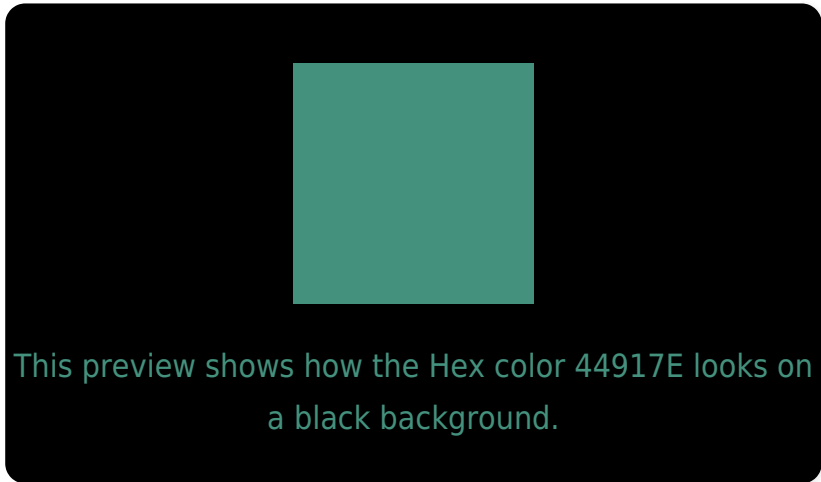
Large Text (above 18pt) WCAG AA ✓ Pass

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 44917E Background



This preview shows how black text looks on a background with the Hex color 44917E.

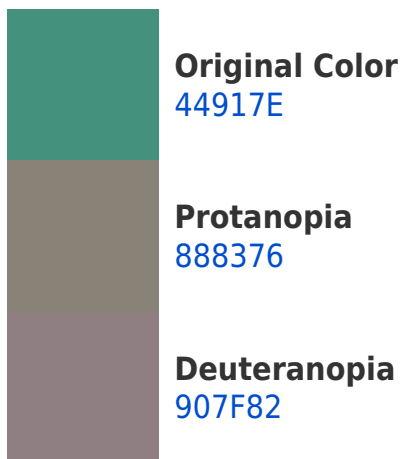



This preview shows how white text looks on a background with the Hex color 44917E.

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



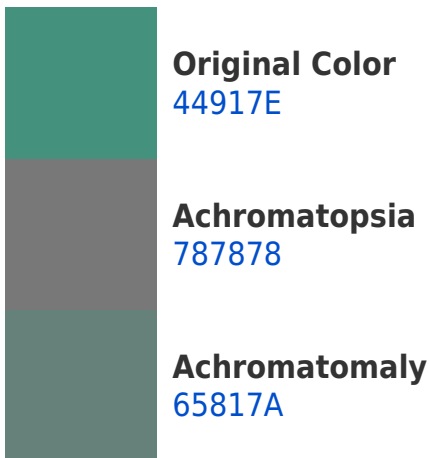


Tritanopia
4D8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44917E 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 #44917E looks like.

```
.text, #text, p{  
    color:#44917E  
}
```

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 #44917E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44917E
}
```

Border

The CSS property to change the border of an element to Hex 44917E 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
#44917E }
```

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

```
.border{ border-color:#44917E }
```

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

Here you see how a box with a 4 pixel #44917E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44917E; -webkit-box-shadow:4px 4px  
4px 4px #44917E; box-shadow:4px 4px 4px  
4px #44917E }
```

Background

The CSS property to change the background color of an element to Hex 44917E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44917E }
```

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

```
.background{ background-color:#44917E }
```

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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