

Converting Colors

Hex(41877E)

Have a look what the booklet for
Hex(41877E) contains.

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Color

Hex(41877E)

Conversions

Conversions Part 1

Format	Color
Hex	41877E
RGB	65, 135, 126
RGB Percent	25%, 53%, 49%
CMY	0.7451, 0.4706, 0.5059
CMYK	0.52, 0.00, 0.07, 0.47
HSL	172°, 35%, 39%
HSV	172°, 52%, 53%
XYZ	14.6098, 19.9581, 22.8209
YIQ	113.0440, -38.8310, -17.6390

Conversions

Conversions Part 2

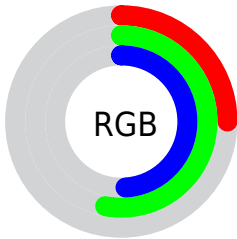
Format	Color
RYB	65, 102, 135
Decimal	4294526
CIELab	51.79, -24.36, -1.92
CIElCh	52, 24.435, 184.512
Yxy	19.9581, 0.2546, 0.3478
Android (android.graphics.Color)	4282484606 (0xFF41877E)
YUV	113.0440, 6.3873, -42.1346
Hunter-Lab	44.6745, -19.8058, 0.9852

Details

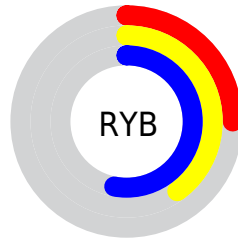
The Hex color **41877E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87414A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **76BDB3**, and **00554D** is the 20% darker color. If you saturate the color by 10%, you get **33877C**, and if you desaturate by 10%, it is **4E8780**.

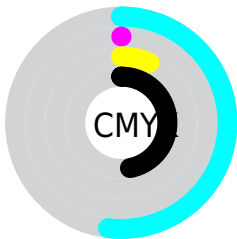
Distribution



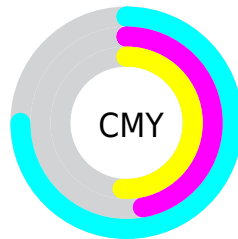
- Red (25%)
- Green (53%)
- Blue (49%)



- Red (25%)
- Yellow (40%)
- Blue (53%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (75%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41877E 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 41877E by changing the saturation by 10% instead.

 41877E

 41877E

FFFFFF

 256D65

 76BDB3

 00554D

 92D9CE

 003D36

 ADF5EA

 002721

 CAFFFF

 000D0B

 E7FFFF

 000000

 41877E

 41877E

 33877C

 4E8780

 26877B

 5C8781

■ 188779

■ 6A8783

■ 0B8777

■ 778785

■ 008776

■ 848787

■ 928788

■ 9F878A

■ AD878C

■ BB878E

Harmonies

Analogous

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



588569



41877E



378692

Triad

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



41877E



82759E



997456

Complementary

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



41877E



87414A

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.



A46E65



41877E



996E8E

Square

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



41877E



657CA5



A46C79



877B52

Rectangle

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



41877E



3F849D



A46C79



9E725A

Sweetspot

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



41877E



94B0AC



4A8741



485957



D9D9D9



595959

Same Dimension

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



41877E



43B0A2



416D87



3C4241



008271



000302

Inverse Universe

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



87414A



B04351



875B41



423C3D



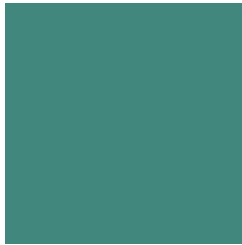
820011



030000

Previews

White Background



This preview shows how the Hex color 41877E looks on a white background.

Color Contrast Check

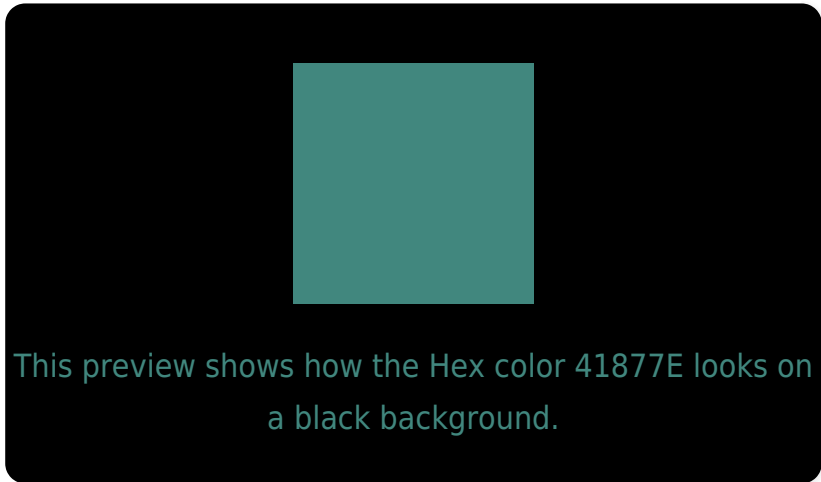
Large Text (above 18pt) WCAG AA ✓ Pass

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

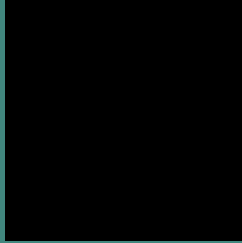
Any Text WCAG AA ✓ Pass

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 41877E Background



This preview shows how black text looks on a background with the Hex color 41877E.

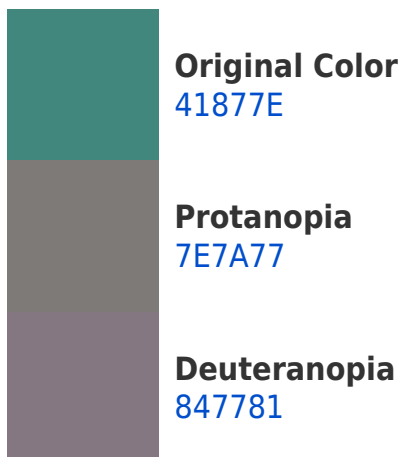



This preview shows how white text looks on a background with the Hex color 41877E.

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](#).

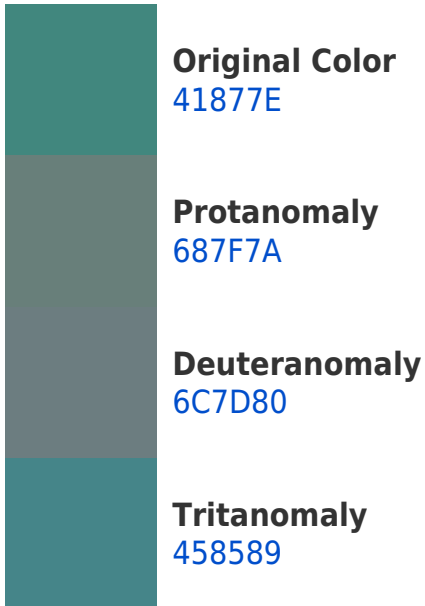
Dichromacy





Tritanopia
47848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41877E 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 #41877E looks like.

```
.text, #text, p{  
    color:#41877E  
}
```

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 #41877E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41877E
}
```

Border

The CSS property to change the border of an element to Hex 41877E 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
#41877E }
```

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

```
.border{ border-color:#41877E }
```

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

Here you see how a box with a 4 pixel #41877E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41877E; -webkit-box-shadow:4px 4px  
4px 4px #41877E; box-shadow:4px 4px 4px  
4px #41877E }
```

Background

The CSS property to change the background color of an element to Hex 41877E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41877E }
```

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

```
.background{ background-color:#41877E }
```

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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