

Converting Colors

Hex(288E7D)

Have a look what the booklet for
Hex(288E7D) contains.

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Color

Hex(288E7D)

Conversions

Conversions Part 1

Format	Color
Hex	288E7D
RGB	40, 142, 125
RGB Percent	16%, 56%, 49%
CMY	0.8431, 0.4431, 0.5098
CMYK	0.72, 0.00, 0.12, 0.44
HSL	170°, 56%, 36%
HSV	170°, 72%, 56%
XYZ	14.2497, 21.2778, 22.7580
YIQ	109.5640, -55.3350, -26.9110

Conversions

Conversions Part 2

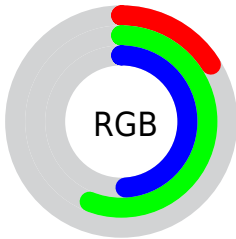
Format	Color
RYB	40, 96, 142
Decimal	2657917
CIELab	53.25, -32.88, 0.71
CIElCh	53, 32.889, 178.766
Yxy	21.2778, 0.2445, 0.3651
Android (android.graphics.Color)	4280847997 (0xFF288E7D)
YUV	109.5640, 7.6099, -61.0076
Hunter-Lab	46.1279, -25.5818, 3.0377

Details

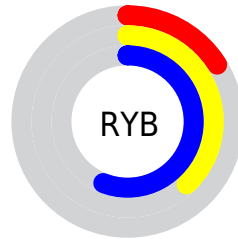
The Hex color **288E7D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E2839**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C4B2**, and **005B4C** is the 20% darker color. If you saturate the color by 10%, you get **1A8E7B**, and if you desaturate by 10%, it is **368E7F**.

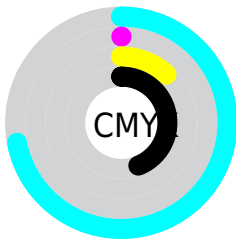
Distribution



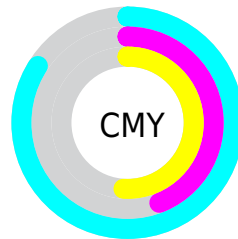
- Red (16%)
- Green (56%)
- Blue (49%)



- Red (16%)
- Yellow (38%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288E7D 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 288E7D by changing the saturation by 10% instead.

 288E7D

 288E7D

FFFFFF

 007464

 65C4B2

 005B4C

 81E0CD

 004336

 9DFDE9

 002C20

 BAF0FF

 00140A

 D7FFFF

 000000

 F5FFFF

 288E7D

 288E7D

 1A8E7B

 368E7F

■ 0C8E78

■ 448E82

■ 008E76

■ 538E84

■ 618E86

■ 6F8E89

■ 7D8E8B

■ 8B8E8E

■ 9A8E90

■ A88E92

Harmonies

Analogous

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



538B61



288E7D



008E99

Triad

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



288E7D



8078B1



A97350

Complementary

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



288E7D



8E2839

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.



B56B65



288E7D



A26E9D

Square

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



288E7D



5282B7



B36981



927D46

Rectangle

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



288E7D



008BA9



B36981



AE7056

Sweetspot

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



288E7D



8FB8B1



398E28



445C58



DBDBDB



5C5C5C

Same Dimension

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



288E7D



1AB89D



286E8E



404746



008771



000806

Inverse Universe

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



8E2839



B81A34



8E4A28



474041



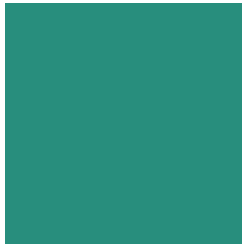
870017



080001

Previews

White Background



This preview shows how the Hex color 288E7D looks on a white background.

Color Contrast Check

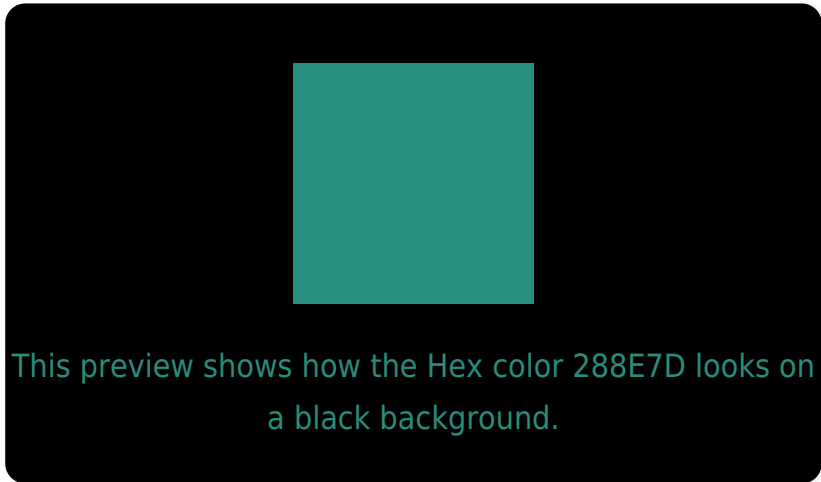
Large Text (above 18pt) WCAG AA ✓ Pass

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

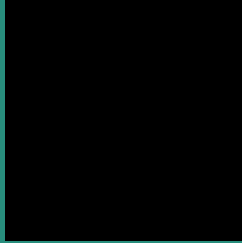
Any Text WCAG AA ✓ Pass

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 288E7D Background



This preview shows how black text looks on a background with the Hex color 288E7D.

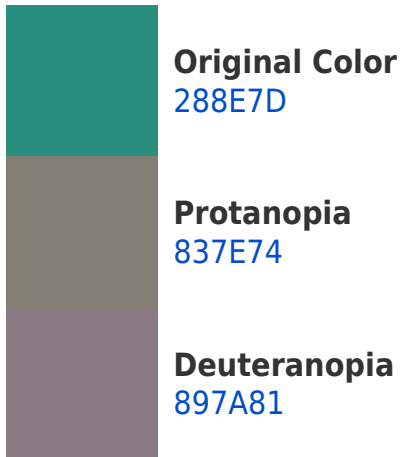


This preview shows how white text looks on a background with the Hex color 288E7D.

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
358A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 288E7D 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 #288E7D looks like.

```
.text, #text, p{  
    color:#288E7D  
}
```

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 #288E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288E7D
}
```

Border

The CSS property to change the border of an element to Hex 288E7D 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
#288E7D }
```

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

```
.border{ border-color:#288E7D }
```

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

Here you see how a box with a 4 pixel #288E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288E7D; -webkit-box-shadow:4px 4px  
4px 4px #288E7D; box-shadow:4px 4px 4px  
4px #288E7D }
```

Background

The CSS property to change the background color of an element to Hex 288E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288E7D }
```

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

```
.background{ background-color:#288E7D }
```

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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