

Converting Colors

Hex(028F7E)

Have a look what the booklet for
Hex(028F7E) contains.

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Color

Hex(028F7E)

Conversions

Conversions Part 1

Format	Color
Hex	028F7E
RGB	2, 143, 126
RGB Percent	1%, 56%, 49%
CMY	0.9922, 0.4392, 0.5059
CMYK	0.99, 0.00, 0.12, 0.44
HSL	173°, 97%, 28%
HSV	173°, 99%, 56%
XYZ	13.6134, 21.1642, 23.1063
YIQ	98.9030, -78.5790, -35.1790

Conversions

Conversions Part 2

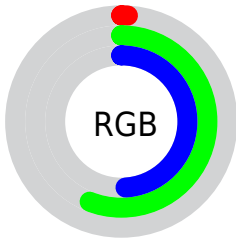
Format	Color
RYB	2, 77, 143
Decimal	167806
CIELab	53.13, -36.36, -0.11
CIElCh	53, 36.364, 180.168
Yxy	21.1642, 0.2352, 0.3656
Android (android.graphics.Color)	4278357886 (0xFF028F7E)
YUV	98.9030, 13.3588, -84.9839
Hunter-Lab	46.0045, -27.6873, 2.4242

Details

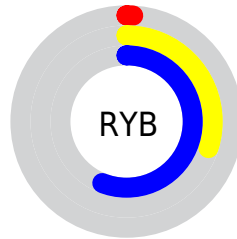
The Hex color **028F7E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8F0213**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **56C5B3**, and **005C4D** is the 20% darker color. If you saturate the color by 10%, you get **008F7E**, and if you desaturate by 10%, it is **108F80**.

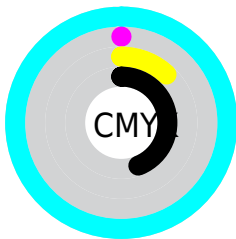
Distribution



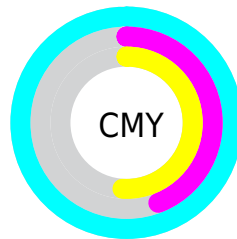
- Red (1%)
- Green (56%)
- Blue (49%)



- Red (1%)
- Yellow (30%)
- Blue (56%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)




- Cyan (99%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 028F7E 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 028F7E by changing the saturation by 10% instead.

 028F7E

 028F7E

FFFFFF

 007565

 56C5B3

 005C4D

 74E2CE

 004336

 91FFEA

 002C21

 AEFFFF

 00130B

 CBFFFF

 000000

 E9FFFF

 028F7E

 028F7E

 008F7E

 108F80

 1F8F81

 2D8F83

 3B8F85

 4A8F87

 588F88

 668F8A

 748F8C

 838F8E

Harmonies

Analogous

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



4B8C5F



028F7E



008E9D

Triad

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



028F7E



8277B5



AB7249

Complementary

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



028F7E



8F0213

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.



B96861



028F7E



A66B9E

Square

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



028F7E



4C82BD



B86580



927D3F

Rectangle

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



028F7E



008CAE



B86580



B16E50

Sweetspot

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



028F7E



82BAB3



158F02



3C5E5A



DEDEDE



5E5E5E

Same Dimension

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



028F7E



00BAA4



025B8F



404747



008777



000807

Inverse Universe

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



8F0213



BA0016



8F3602



474041



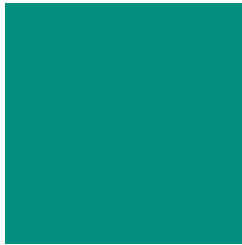
870010



080001

Previews

White Background



This preview shows how the Hex color 028F7E looks on a white background.

Color Contrast Check

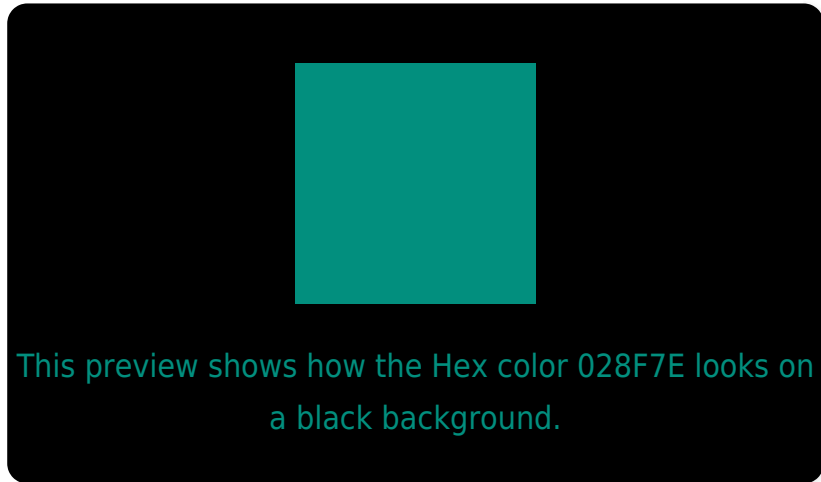
Large Text (above 18pt) WCAG AA ✓ Pass

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

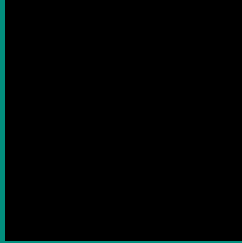
Any Text WCAG AA ✓ Pass

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 028F7E Background



This preview shows how black text looks on a background with the Hex color 028F7E.

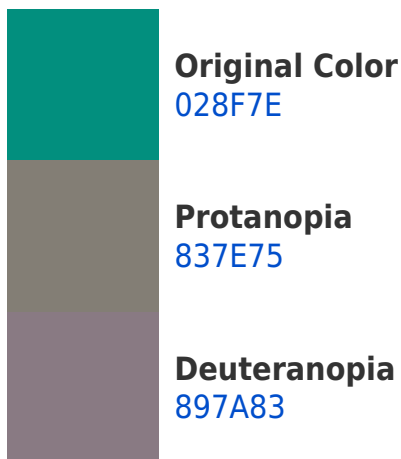


This preview shows how white text looks on a background with the Hex color 028F7E.

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
268B97

Trichromacy



Original Color
028F7E



Protanomaly
548478



Deuteranomaly
588281



Tritanomaly
198C8E

Monochromacy



Original Color
028F7E



Achromatopsia
636363



Achromatomaly
40736D

CSS Examples

Text

The CSS property to change the color of the text to Hex 028F7E 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 #028F7E looks like.

```
.text, #text, p{  
    color:#028F7E  
}
```

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 #028F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028F7E
}
```

Border

The CSS property to change the border of an element to Hex 028F7E 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
#028F7E }
```

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

```
.border{ border-color:#028F7E }
```

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

Here you see how a box with a 4 pixel #028F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028F7E; -webkit-box-shadow:4px 4px  
4px 4px #028F7E; box-shadow:4px 4px 4px  
4px #028F7E }
```

Background

The CSS property to change the background color of an element to Hex 028F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028F7E }
```

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

```
.background{ background-color:#028F7E }
```

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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