

# Converting Colors

Hex(027F8A)

Have a look what the booklet for  
Hex(027F8A) contains.

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# Color

Hex(027F8A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	027F8A
RGB	2, 127, 138
RGB Percent	1%, 50%, 54%
CMY	0.9922, 0.5020, 0.4588
CMYK	0.99, 0.08, 0.00, 0.46
HSL	185°, 97%, 27%
HSV	185°, 99%, 54%
XYZ	12.2019, 17.0266, 26.6881
YIQ	90.8790, -78.0310, -23.0790

# Conversions

## Conversions Part 2

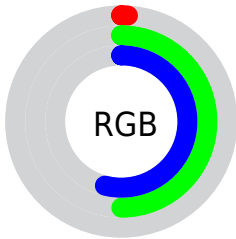
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 67, 138
Decimal	163722
CIELab	48.29, -24.90, -14.31
CIELCh	48, 28.718, 209.897
Yxy	17.0266, 0.2182, 0.3045
Android (android.graphics.Color)	4278353802 (0xFF027F8A)
YUV	90.8790, 23.2307, -77.9469
Hunter-Lab	41.2633, -19.4272, -9.4630

# Details

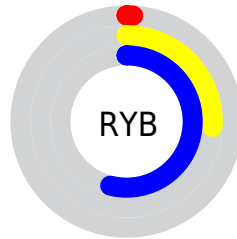
The Hex color **027F8A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A0D02**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **54B4BF**, and **004D58** is the 20% darker color. If you saturate the color by 10%, you get **007F8A**, and if you desaturate by 10%, it is **10808A**.

# Distribution



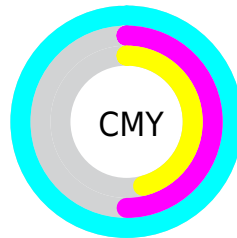
- Red (1%)
- Green (50%)
- Blue (54%)



- Red (1%)
- Yellow (26%)
- Blue (54%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (99%)
- Magenta (50%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 027F8A 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 027F8A by changing the saturation by 10% instead.



 027F8A

 027F8A

FFFFFF

 006671

 54B4BF

 004D58

 72D0DB

 003641

 8FECF8

 00222B

 ACFFFF

 000117

 C9FFFF

 000000

 E6FFFF

 027F8A

 027F8A

 007F8A

 10808A

■ 1E818A

■ 2B828A

■ 39838A

■ 47858A

■ 55868A

■ 63878A

■ 70888A

■ 7E898A

# Harmonies

## Analogous

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



2B8072



027F8A



217C9C

# Triad

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



027F8A



91648B



837142

# Complementary

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



027F8A



8A0D02

# 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.



966949



027F8A



A06074

# Square

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



027F8A



756C9D



A1625C



697848

# Rectangle

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



027F8A



4078A2



A1625C



8A6E43



# Sweetspot

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



027F8A



7DAEB3



028A0B



395759



D9D9D9



595959



# Same Dimension

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



027F8A



00A4B3



023D8A



3E4445



007A85



000505



# Inverse Universe

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



8A027F



B300A4



8A4F02



453E44



85007A



050005



# Previews

## White Background



This preview shows how the Hex color 027F8A looks on a white background.

## Color Contrast Check

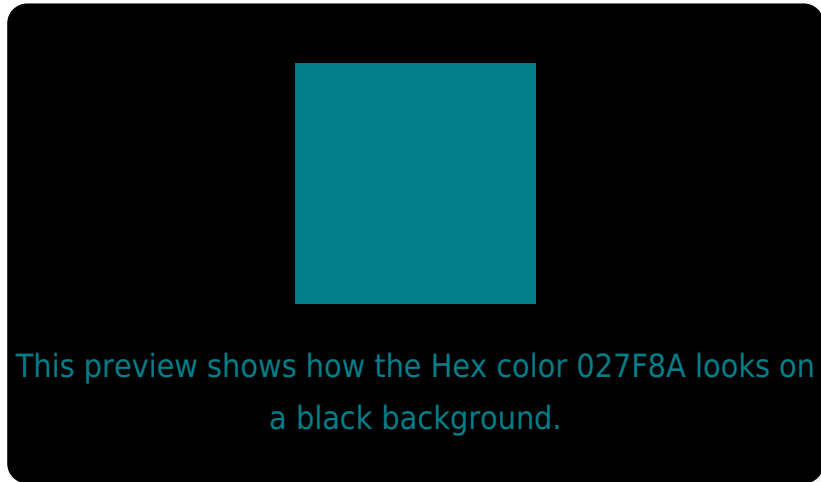
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

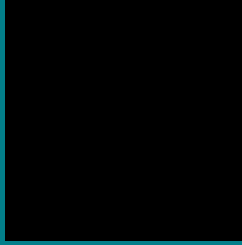
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 027F8A Background



This preview shows how black text looks on a background with the Hex color 027F8A.

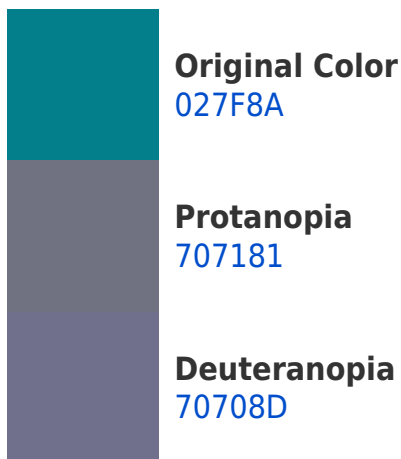


This preview shows how white text looks on a background with the Hex color 027F8A.

# 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](#).

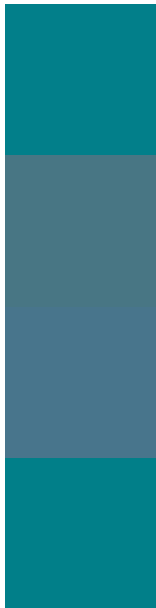
## Dichromacy





**Tritanopia**  
007F89

# Trichromacy



**Original Color**  
027F8A

**Protanomaly**  
487684

**Deuteranomaly**  
48758C

**Tritanomaly**  
017F89

# Monochromacy



**Original Color**  
027F8A

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
3B686C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 027F8A 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 #027F8A looks like.

```
.text, #text, p{  
    color:#027F8A  
}
```

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 #027F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #027F8A
}
```

## Border

The CSS property to change the border of an element to Hex 027F8A 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
#027F8A }
```

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

```
.border{ border-color:#027F8A }
```

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

Here you see how a box with a 4 pixel #027F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #027F8A; -webkit-box-shadow:4px 4px  
4px 4px #027F8A; box-shadow:4px 4px 4px  
4px #027F8A }
```

# Background

The CSS property to change the background color of an element to Hex 027F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#027F8A }
```

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

```
.background{ background-color:#027F8A }
```

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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