

Converting Colors

Hex(027981)

Have a look what the booklet for
Hex(027981) contains.

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Color

Hex(027981)

Conversions

Conversions Part 1

Format	Color
Hex	027981
RGB	2, 121, 129
RGB Percent	1%, 47%, 51%
CMY	0.9922, 0.5255, 0.4941
CMYK	0.98, 0.06, 0.00, 0.49
HSL	184°, 97%, 26%
HSV	184°, 98%, 51%
XYZ	10.8249, 15.2726, 23.1463
YIQ	86.3310, -73.4920, -22.7400

Conversions

Conversions Part 2

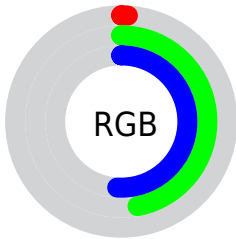
Format	Color
RYB	2, 63, 129
Decimal	162177
CIELab	46.01, -24.90, -12.46
CIELCh	46, 27.845, 206.576
Yxy	15.2726, 0.2198, 0.3101
Android (android.graphics.Color)	4278352257 (0xFF027981)
YUV	86.3310, 21.0358, -73.9583
Hunter-Lab	39.0802, -18.9475, -7.7599

Details

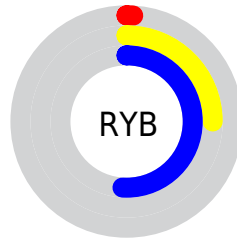
The Hex color **027981** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **810A02**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52AEB6**, and **004850** is the 20% darker color. If you saturate the color by 10%, you get **007981**, and if you desaturate by 10%, it is **0F7A81**.

Distribution



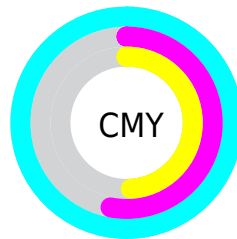
- Red (1%)
- Green (47%)
- Blue (51%)



- Red (1%)
- Yellow (25%)
- Blue (51%)



- Cyan (98%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 027981 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 027981 by changing the saturation by 10% instead.

 027981

 027981

FFFFFF

 006068

 52AEB6

 004850

 6FC9D1

 003139

 8BE6EE

 001E23

 A8FFFF

 00010D

 C5FFFF

 000000

 E3FFFF

 027981

 027981

 007981

 0F7A81

■ 1C7B81

■ 297B81

■ 367C81

■ 427D81

■ 4F7E81

■ 5C7F81

■ 698081

■ 768081

Harmonies

Analogous

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



2B7969



027981



197693

Triad

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



027981



886087



7F6B3E

Complementary

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



027981



810A02

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.



916347



027981



975B71

Square

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



027981



6C6897



9A5C59



677242

Rectangle

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



027981



38729A



9A5C59



856840

Sweetspot

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



027981



76A5A8



028108



365254



D4D4D4



545454

Same Dimension

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



027981



009EA8



023B81



393F40



007780



000000

Inverse Universe

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



810279



A8009E



814802



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 027981 looks on a white background.

Color Contrast Check

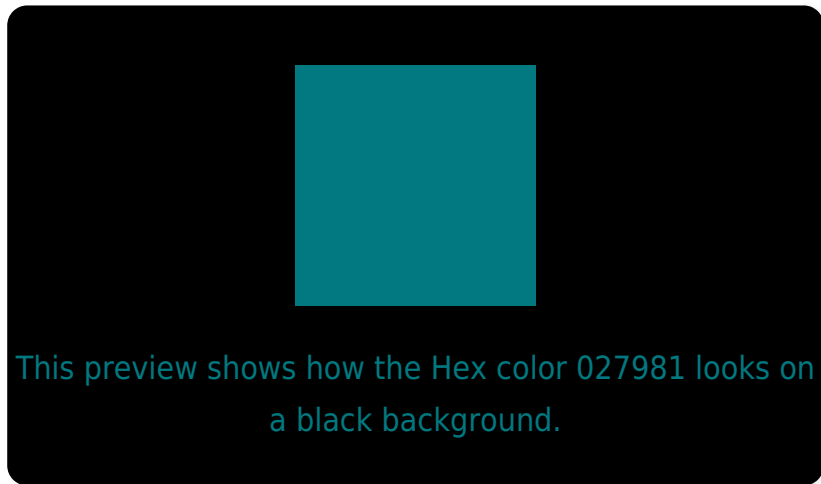
Large Text (above 18pt) WCAG AA ✓ Pass

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

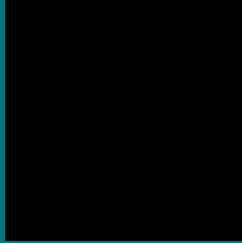
Any Text WCAG AA × Fail

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 027981 Background



This preview shows how black text looks on a background with the Hex color 027981.

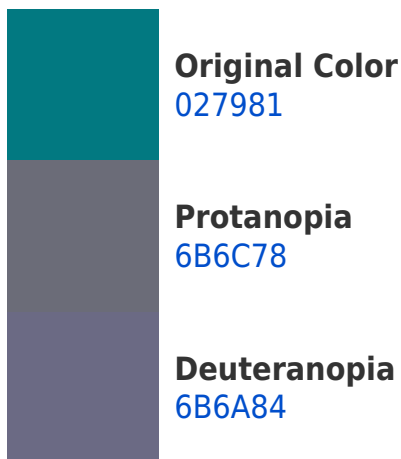


This preview shows how white text looks on a background with the Hex color 027981.

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](#).

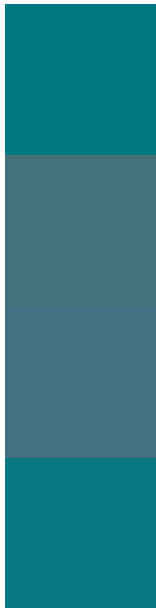
Dichromacy





Tritanopia
0B7983

Trichromacy



Original Color
027981

Protanomaly
45717B

Deuteranomaly
456F83

Tritanomaly
087982

Monochromacy



Original Color
027981

Achromatopsia
565656

Achromatomaly
376366

CSS Examples

Text

The CSS property to change the color of the text to Hex 027981 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 #027981 looks like.

```
.text, #text, p{  
    color:#027981  
}
```

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 #027981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #027981
}
```

Border

The CSS property to change the border of an element to Hex 027981 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
#027981 }
```

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

```
.border{ border-color:#027981 }
```

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

Here you see how a box with a 4 pixel #027981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #027981; -webkit-box-shadow:4px 4px  
4px 4px #027981; box-shadow:4px 4px 4px  
4px #027981 }
```

Background

The CSS property to change the background color of an element to Hex 027981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#027981 }
```

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

```
.background{ background-color:#027981 }
```

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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