

# Converting Colors

Hex(029580)

Have a look what the booklet for  
Hex(029580) contains.

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**Color**

**Hex(029580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	029580
RGB	2, 149, 128
RGB Percent	1%, 58%, 50%
CMY	0.9922, 0.4157, 0.4980
CMYK	0.99, 0.00, 0.14, 0.42
HSL	171°, 97%, 30%
HSV	171°, 99%, 58%
XYZ	14.6688, 23.0663, 24.1012
YIQ	102.6530, -80.8710, -37.6950

# Conversions

## Conversions Part 2

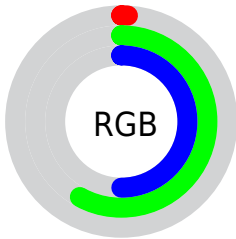
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 81, 149
Decimal	169344
CIELab	55.14, -38.44, 1.67
CIELCh	55, 38.479, 177.507
Yxy	23.0663, 0.2372, 0.3730
Android (android.graphics.Color)	4278359424 (0xFF029580)
YUV	102.6530, 12.4961, -88.2727
Hunter-Lab	48.0274, -29.5296, 3.8662

# Details

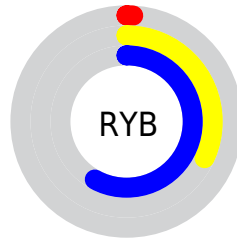
The Hex color **029580** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **950217**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **57CCB5**, and **00614F** is the 20% darker color. If you saturate the color by 10%, you get **009580**, and if you desaturate by 10%, it is **119582**.

# Distribution



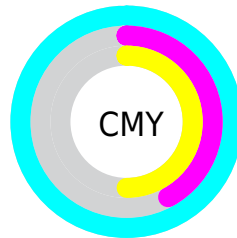
- Red (1%)
- Green (58%)
- Blue (50%)



- Red (1%)
- Yellow (32%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (99%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029580 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 029580 by changing the saturation by 10% instead.



 029580

 029580

FFFFFF

 007B67

 57CCB5

 00614F

 75E8D0

 004938

 93FFEC

 003123

 B0FFFF

 001B0D

 CEFFFF

 000000

 EBFFFF

 029580

 029580

 009580

 119582

 209584

 2F9586

 3E9589

 4D958B

 5B958D

 6A958F

 799591

 889593

# Harmonies

## Analogous

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



51925F



029580



0095A2

# Triad

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



029580



837CBF



B5754D

# Complementary

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



029580



950217

# 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.



C26B67



029580



AB70A8

# Square

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



029580



4688C6



C06988



9B8140

# Rectangle

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



029580



0092B4



C06988



BB7154



# Sweetspot

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



029580



88C2B9



189502



3E615C



E0E0E0



616161



# Same Dimension

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



029580



00C2A6



026295



434A49



008A76



000A09



# Inverse Universe

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



950217



C2001C



953502



4A4344



8A0014



0A0001



# Previews

## White Background



This preview shows how the Hex color 029580 looks on a white background.

## Color Contrast Check

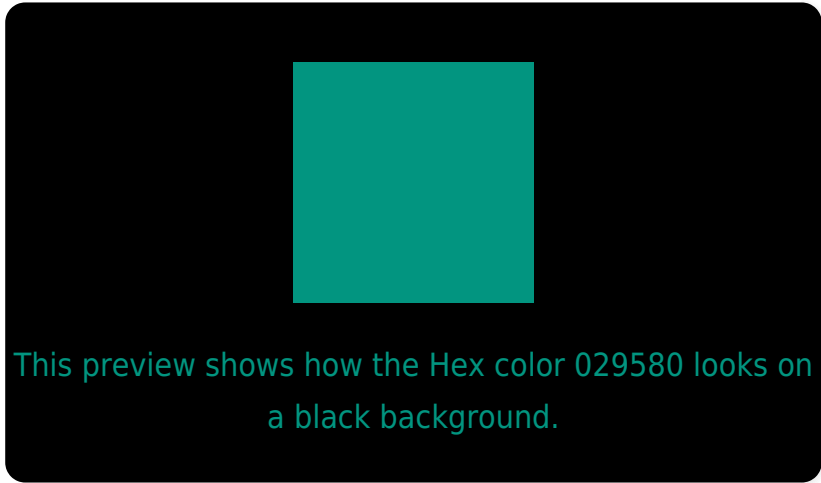
Large Text (above 18pt) WCAG AA ✓ Pass

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

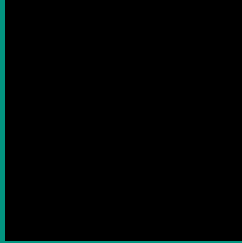
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 029580 Background



This preview shows how black text looks on a background with the Hex color 029580.

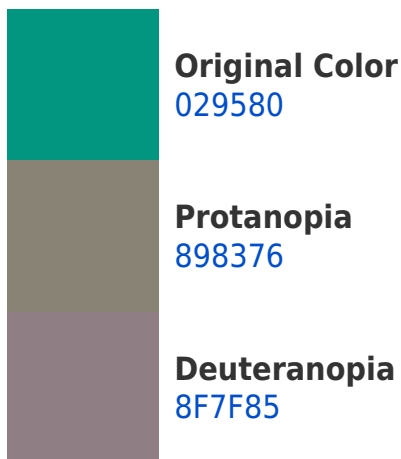


This preview shows how white text looks on a background with the Hex color 029580.

# 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**  
29919D

# Trichromacy



**Original Color**

029580



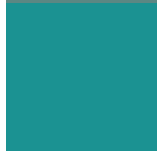
**Protanomaly**

588A7A



**Deuteranomaly**

5C8783



**Tritanomaly**

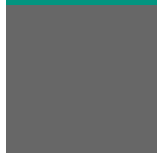
1B9292

# Monochromacy



**Original Color**

029580



**Achromatopsia**

676767



**Achromatomaly**

427870

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029580 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 #029580 looks like.

```
.text, #text, p{  
    color:#029580  
}
```

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 #029580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029580
}
```

## Border

The CSS property to change the border of an element to Hex 029580 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
#029580 }
```

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

```
.border{ border-color:#029580 }
```

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

Here you see how a box with a 4 pixel #029580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029580; -webkit-box-shadow:4px 4px  
4px 4px #029580; box-shadow:4px 4px 4px  
4px #029580 }
```

# Background

The CSS property to change the background color of an element to Hex 029580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029580 }
```

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

```
.background{ background-color:#029580 }
```

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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