

# Converting Colors

Hex(028785)

Have a look what the booklet for  
Hex(028785) contains.

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**Color**

**Hex(028785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	028785
RGB	2, 135, 133
RGB Percent	1%, 53%, 52%
CMY	0.9922, 0.4706, 0.4784
CMYK	0.99, 0.00, 0.01, 0.47
HSL	179°, 97%, 27%
HSV	179°, 99%, 53%
XYZ	12.9226, 19.0343, 25.1832
YIQ	95.0050, -78.6260, -28.8180

# Conversions

## Conversions Part 2

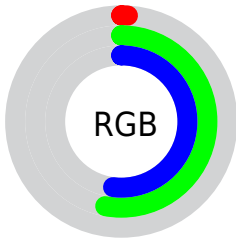
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 69, 135
Decimal	165765
CIELab	50.73, -30.51, -7.72
CIELCh	51, 31.476, 194.197
Yxy	19.0343, 0.2262, 0.3331
Android (android.graphics.Color)	4278355845 (0xFF028785)
YUV	95.0050, 18.7315, -81.5654
Hunter-Lab	43.6283, -23.4781, -3.6836

# Details

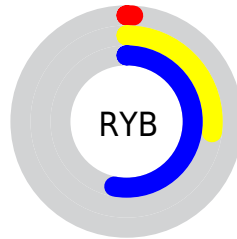
The Hex color **028785** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **870204**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **55BDBA**, and **005454** is the 20% darker color. If you saturate the color by 10%, you get **008785**, and if you desaturate by 10%, it is **0F8785**.

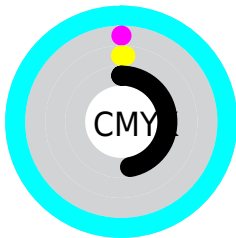
# Distribution



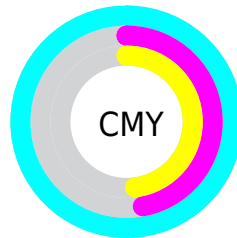
- Red (1%)
- Green (53%)
- Blue (52%)



- Red (1%)
- Yellow (27%)
- Blue (53%)



- Cyan (99%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (99%)
- Magenta (47%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 028785 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 028785 by changing the saturation by 10% instead.



 028785

 028785

FFFFFF

 006D6C

 55BDBA

 005454

 73D9D6

 003D3D

 90F5F2

 002727

 ADFFFF

 000613

 CAFFFF

 000000

 E8FFFF

 028785

 028785

 008785

 0F8785

■ 1D8785

■ 2A8786

■ 388786

■ 458786

■ 538786

■ 608786

■ 6E8787

■ 7B8787

# Harmonies

## Analogous

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



3C8669



028785



00859D

# Triad

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



028785



8C6D9F



967245

# Complementary

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



028785



870204

# 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.



A76955



028785



A46588

# Square

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



028785



6677AD



AD646D



7D7B44

# Rectangle

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



028785



1F82A8



AD646D



9D6F49



# Sweetspot

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



028785



7BB0AF



048702



395959



D9D9D9



595959



# Same Dimension

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



028785



00B0AD



024787



3C4242



008280



000303



# Inverse Universe

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



870204



B00003



874202



423C3C



820002



030000



# Previews

## White Background



This preview shows how the Hex color 028785 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

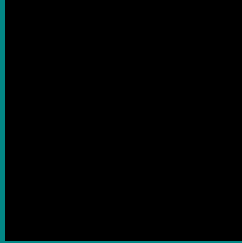
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 028785 Background



This preview shows how black text looks on a background with the Hex color 028785.

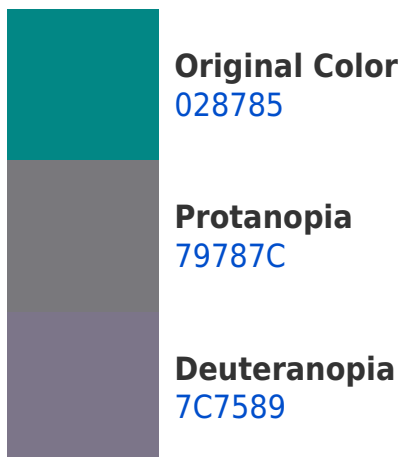


This preview shows how white text looks on a background with the Hex color 028785.

# 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**  
1A8590

# Trichromacy



**Original Color**  
028785



**Protanomaly**  
4E7D7F



**Deuteranomaly**  
507C88



**Tritanomaly**  
11868C

# Monochromacy



**Original Color**  
028785



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3D6E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 028785 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 #028785 looks like.

```
.text, #text, p{  
    color:#028785  
}
```

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 #028785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028785
}
```

## Border

The CSS property to change the border of an element to Hex 028785 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
#028785 }
```

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

```
.border{ border-color:#028785 }
```

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

Here you see how a box with a 4 pixel #028785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028785; -webkit-box-shadow:4px 4px  
4px 4px #028785; box-shadow:4px 4px 4px  
4px #028785 }
```

# Background

The CSS property to change the background color of an element to Hex 028785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028785 }
```

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

```
.background{ background-color:#028785 }
```

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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