

# Converting Colors

Hex(028795)

Have a look what the booklet for  
Hex(028795) contains.

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**Color**

**Hex(028795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	028795
RGB	2, 135, 149
RGB Percent	1%, 53%, 58%
CMY	0.9922, 0.4706, 0.4157
CMYK	0.99, 0.09, 0.00, 0.42
HSL	186°, 97%, 30%
HSV	186°, 99%, 58%
XYZ	14.1138, 19.5108, 31.4559
YIQ	96.8290, -83.7620, -23.8420

# Conversions

## Conversions Part 2

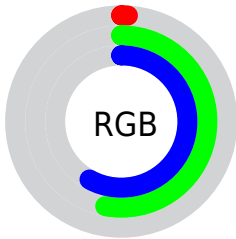
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 72, 149
Decimal	165781
CIELab	51.28, -25.23, -16.21
CIELCh	51, 29.988, 212.732
Yxy	19.5108, 0.2169, 0.2998
Android (android.graphics.Color)	4278355861 (0xFF028795)
YUV	96.8290, 25.7203, -83.1650
Hunter-Lab	44.1710, -20.2637, -11.3030

# Details

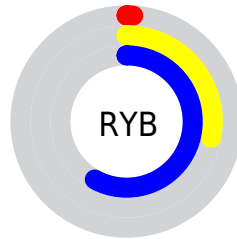
The Hex color **028795** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **951002**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **57BDCB**, and **005562** is the 20% darker color. If you saturate the color by 10%, you get **008795**, and if you desaturate by 10%, it is **118895**.

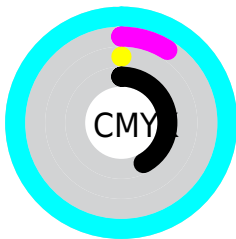
# Distribution



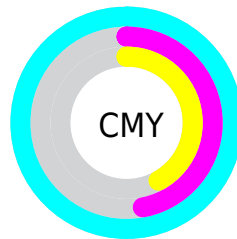
- Red (1%)
- Green (53%)
- Blue (58%)



- Red (1%)
- Yellow (28%)
- Blue (58%)



- Cyan (99%)
- Magenta (9%)
- Yellow (0%)
- Black (42%)



- Cyan (99%)
- Magenta (47%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 028795 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 028795 by changing the saturation by 10% instead.



 028795

 028795

FFFFFF

 006D7B

 57BDCB

 005562

 75D9E7

 003D4A

 93F5FF

 002734

 B0FFFF

 000B1F

 CEFFFF

 000003

 EBFFFF

 000000

 028795

 028795

 008795

 118895

 208A95

 2F8B95

 3E8D95

 4D8E95

 5B9095

 6A9195

 799295

 889495

# Harmonies

## Analogous

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



2A887C



028795



2983A7

# Triad

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



028795



9C6A92



897946

# Complementary

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



028795



951002

# 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.



9E704D



028795



AB6679

# Square

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



028795



8073A5



AA6960



6E814E

# Rectangle

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



028795



4A7FAD



AA6960



917647



# Sweetspot

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



028795



88BCC2



02950E



3E5E61



E0E0E0



616161



# Same Dimension

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



028795



00AFC2



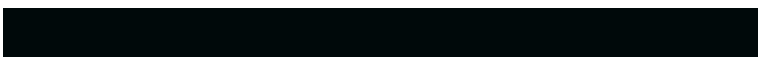
023F95



43494A



007D8A



00090A



# Inverse Universe

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



950287



C200AF



955802



4A4349



8A007D



0A0009



# Previews

## White Background



This preview shows how the Hex color 028795 looks on a white background.

## Color Contrast Check

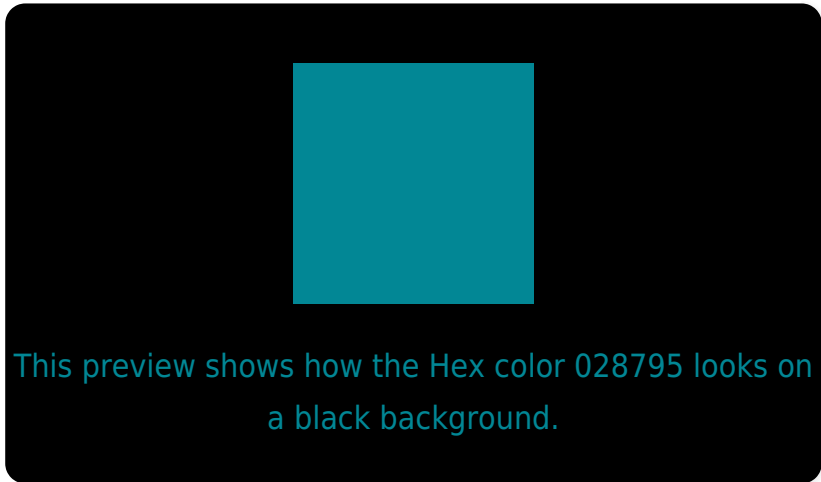
Large Text (above 18pt) WCAG AA ✓ Pass

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

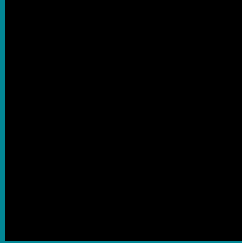
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 028795 Background



This preview shows how black text looks on a background with the Hex color 028795.

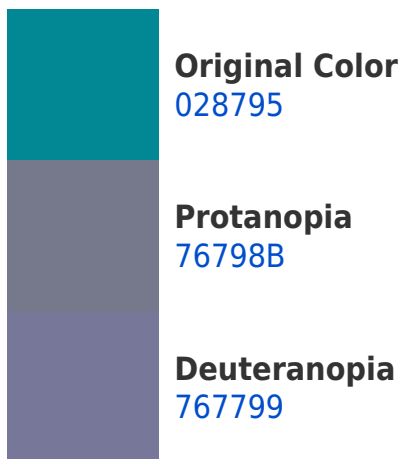


This preview shows how white text looks on a background with the Hex color 028795.

# 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

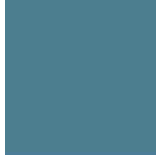




# Trichromacy



**Original Color**  
028795



**Protanomaly**  
4C7E8F



**Deuteranomaly**  
4C7D98



**Tritanomaly**  
018793

# Monochromacy



**Original Color**  
028795



**Achromatopsia**  
616161



**Achromatomaly**  
3E6F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 028795 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 #028795 looks like.

```
.text, #text, p{  
    color:#028795  
}
```

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 #028795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028795
}
```

## Border

The CSS property to change the border of an element to Hex 028795 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
#028795 }
```

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

```
.border{ border-color:#028795 }
```

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

Here you see how a box with a 4 pixel #028795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028795; -webkit-box-shadow:4px 4px  
4px 4px #028795; box-shadow:4px 4px 4px  
4px #028795 }
```

# Background

The CSS property to change the background color of an element to Hex 028795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028795 }
```

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

```
.background{ background-color:#028795 }
```

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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