

Converting Colors

Hex(289796)

Have a look what the booklet for
Hex(289796) contains.

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Color

Hex(289796)

Conversions

Conversions Part 1

Format	Color
Hex	289796
RGB	40, 151, 150
RGB Percent	16%, 59%, 59%
CMY	0.8431, 0.4078, 0.4118
CMYK	0.74, 0.00, 0.01, 0.41
HSL	179°, 58%, 37%
HSV	179°, 74%, 59%
XYZ	17.4467, 24.7863, 32.7189
YIQ	117.6970, -65.8350, -23.8430

Conversions

Conversions Part 2

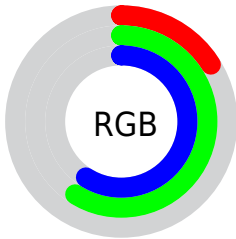
Format	Color
R _{YB}	40, 96, 151
Decimal	2660246
CIE _{Lab}	56.87, -29.92, -8.33
CIE _{LCh}	57, 31.059, 195.554
Y _{xy}	24.7863, 0.2328, 0.3307
Android (android.graphics.Color)	4280850326 (0xFF289796)
Y _{UV}	117.6970, 15.9254, -68.1403
Hunter-Lab	49.7859, -24.5727, -4.1148




Details

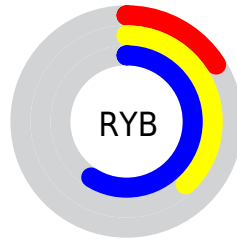
The Hex color **289796** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **972829**, and the grayscale version is **767676**.




A 20% lighter version of the original color is **68CECC**, and **006363** is the 20% darker color. If you saturate the color by 10%, you get **199796**, and if you desaturate by 10%, it is **379796**.

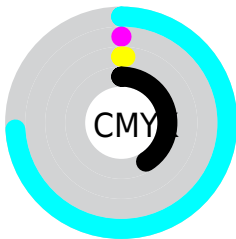
Distribution







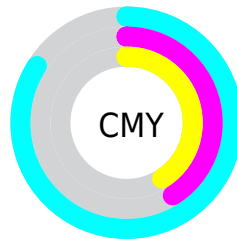
-  Red (16%)
-  Green (59%)
-  Blue (59%)






-  Red (16%)
-  Yellow (38%)
-  Blue (59%)



-  Cyan (74%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (41%)



-  Cyan (84%)
-  Magenta (41%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289796 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 289796 by changing the saturation by 10% instead.

 289796

 289796

FFFFFF

 007D7C

 68CECC

 006363

 85EAE8

 004B4B

 A2FFFF

 003435

 BFFFFF

 002120

 DDDFFF

 000007

 FDDFFF

 000000

 289796

 289796

 199796

 379796

0A9796

469796

009796

559796

649797

749797

839797

929797

A19797

B09797

Harmonies

Analogous

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



4C967A



289796



2195AE

Triad

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



289796



9D7CAF



A68254

Complementary

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



289796



972829

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.



B87963



289796



B57597

Square

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



289796



7886BC



BE747B



8C8B54

Rectangle

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



289796



3C91B9



BE747B



AD7F58

Sweetspot

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



289796



99C4C4



2A9728



4A6363



E3E3E3



636363

Same Dimension

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



289796



18C4C3



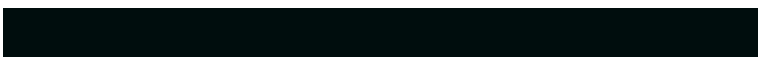
286197



454D4C



008C8B



000D0D

Inverse Universe

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



972829



C41819



975E28



4D4545



8C0001



0D0000

Previews

White Background



This preview shows how the Hex color 289796 looks on a white background.

Color Contrast Check

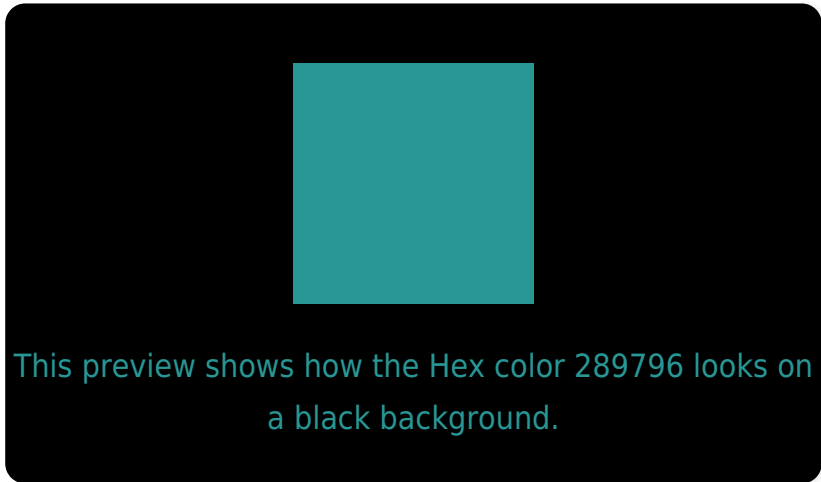
Large Text (above 18pt) WCAG AA ✓ Pass

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

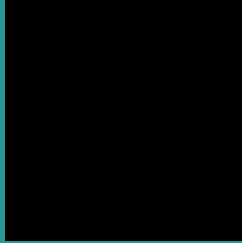
Any Text WCAG AA ✓ Pass

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 289796 Background



This preview shows how black text looks on a background with the Hex color 289796.

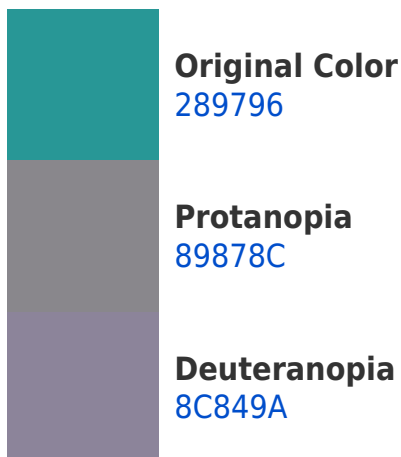


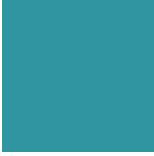
This preview shows how white text looks on a background with the Hex color 289796.

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](#).

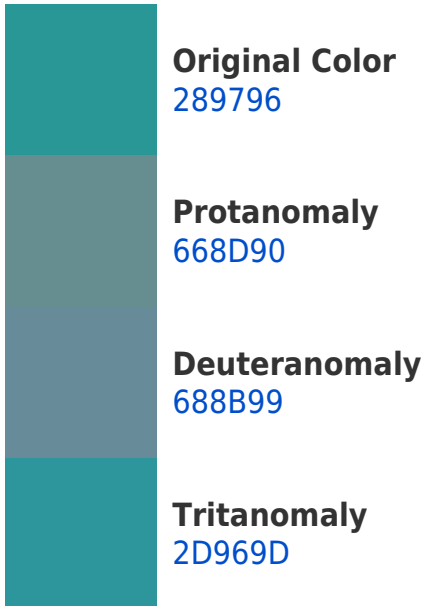
Dichromacy



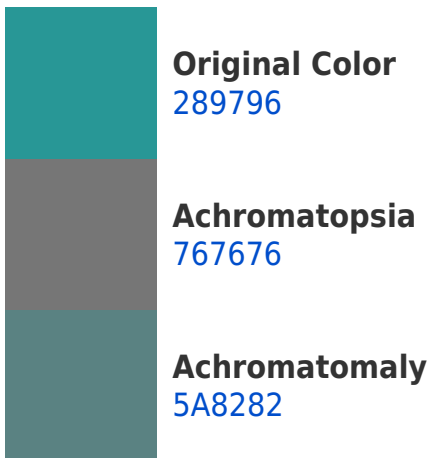


Tritanopia
3095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 289796 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 #289796 looks like.

```
.text, #text, p{  
    color:#289796  
}
```

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 #289796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289796
}
```

Border

The CSS property to change the border of an element to Hex 289796 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
#289796 }
```

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

```
.border{ border-color:#289796 }
```

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

Here you see how a box with a 4 pixel #289796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289796; -webkit-box-shadow:4px 4px  
4px 4px #289796; box-shadow:4px 4px 4px  
4px #289796 }
```

Background

The CSS property to change the background color of an element to Hex 289796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289796 }
```

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

```
.background{ background-color:#289796 }
```

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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