

Converting Colors

Hex(289B84)

Have a look what the booklet for
Hex(289B84) contains.

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Color

Hex(289B84)

Conversions

Conversions Part 1

Format	Color
Hex	289B84
RGB	40, 155, 132
RGB Percent	16%, 61%, 52%
CMY	0.8431, 0.3922, 0.4824
CMYK	0.74, 0.00, 0.15, 0.39
HSL	168°, 59%, 38%
HSV	168°, 74%, 61%
XYZ	16.7613, 25.5597, 25.8799
YIQ	117.9930, -61.1570, -31.5330

Conversions

Conversions Part 2

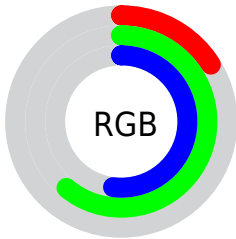
Format	Color
RYB	40, 104, 155
Decimal	2661252
CIELab	57.62, -36.93, 3.04
CIELCh	58, 37.050, 175.298
Yxy	25.5597, 0.2458, 0.3748
Android (android.graphics.Color)	4280851332 (0xFF289B84)
YUV	117.9930, 6.9055, -68.3999
Hunter-Lab	50.5567, -29.2952, 5.0392

Details

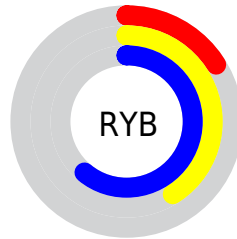
The Hex color **289B84** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B283F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67D2B9**, and **006753** is the 20% darker color. If you saturate the color by 10%, you get **199B81**, and if you desaturate by 10%, it is **389B87**.

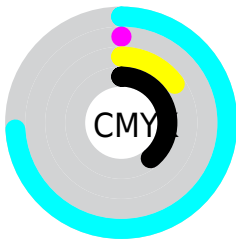
Distribution



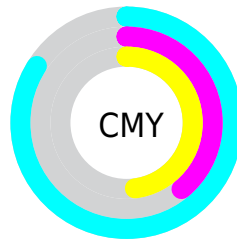
- Red (16%)
- Green (61%)
- Blue (52%)



- Red (16%)
- Yellow (41%)
- Blue (61%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (84%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289B84 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 289B84 by changing the saturation by 10% instead.



289B84



289B84

FFFFFF



00816B



67D2B9



006753



84EFD5



004E3C



A1FFF1



003626



BEFFFF



002211



DCFFFF



000000



F9FFFF



289B84



289B84



199B81



389B87

099B7E

479B8A

009B7C

579B8D

669B90

769B93

859B97

959B9A

A49B9D

B49BA0

Harmonies

Analogous

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



5D9864



289B84



009BA5

Triad

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



289B84



8684C5



BC7B56

Complementary

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



289B84



9B283F

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.



C87270



289B84



AE78B0

Square

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



289B84



4D8FCA



C47191



A38749

Rectangle

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



289B84



0099B7



C47191



C1785E

Sweetspot

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



289B84



9DC9C1



3F9B28



4B6661



E6E6E6



666666

Same Dimension

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



289B84



16C9A6



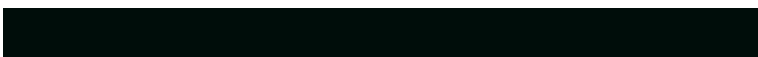
28789B



454D4B



008C70



000D0A

Inverse Universe

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



9B283F



C9163A



9B4B28



4D4546



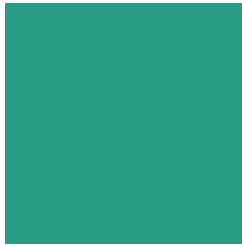
8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 289B84 looks on a white background.

Color Contrast Check

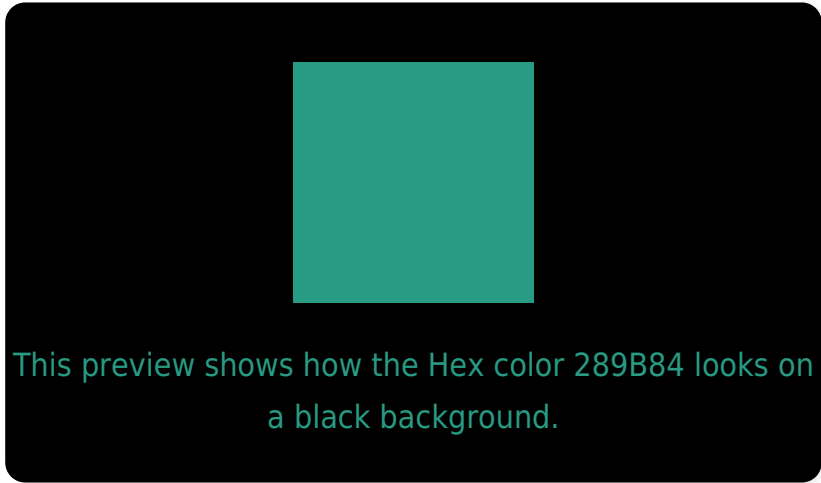
Large Text (above 18pt) WCAG AA ✓ Pass

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

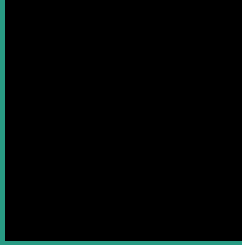
Any Text WCAG AA ✓ Pass

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 289B84 Background



This preview shows how black text looks on a background with the Hex color 289B84.

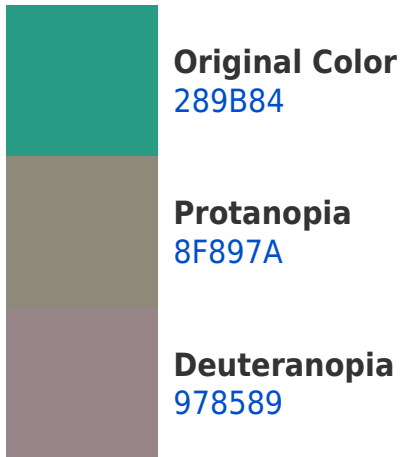


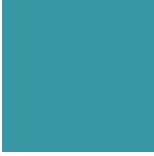
This preview shows how white text looks on a background with the Hex color 289B84.

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



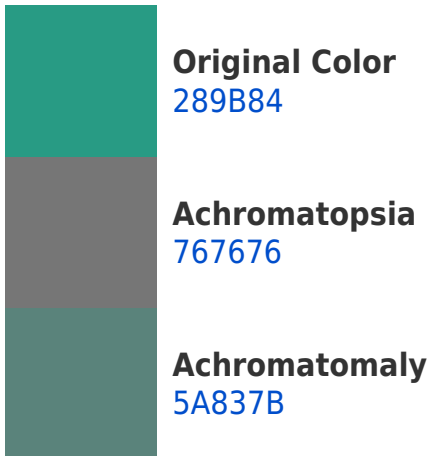


Tritanopia
3997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 289B84 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 #289B84 looks like.

```
.text, #text, p{  
    color:#289B84  
}
```

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 #289B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289B84
}
```

Border

The CSS property to change the border of an element to Hex 289B84 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
#289B84 }
```

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

```
.border{ border-color:#289B84 }
```

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

Here you see how a box with a 4 pixel #289B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289B84; -webkit-box-shadow:4px 4px  
4px 4px #289B84; box-shadow:4px 4px 4px  
4px #289B84 }
```

Background

The CSS property to change the background color of an element to Hex 289B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289B84 }
```

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

```
.background{ background-color:#289B84 }
```

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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