

Converting Colors

Hex(289B8E)

Have a look what the booklet for
Hex(289B8E) contains.

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Color

Hex(289B8E)

Conversions

Conversions Part 1

Format	Color
Hex	289B8E
RGB	40, 155, 142
RGB Percent	16%, 61%, 56%
CMY	0.8431, 0.3922, 0.4431
CMYK	0.74, 0.00, 0.08, 0.39
HSL	173°, 59%, 38%
HSV	173°, 74%, 61%
XYZ	17.4789, 25.8468, 29.6589
YIQ	119.1330, -64.3670, -28.4230

Conversions

Conversions Part 2

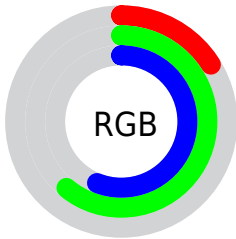
Format	Color
RYB	40, 101, 155
Decimal	2661262
CIELab	57.89, -34.16, -2.25
CIElCh	58, 34.237, 183.764
Yxy	25.8468, 0.2395, 0.3541
Android (android.graphics.Color)	4280851342 (0xFF289B8E)
YUV	119.1330, 11.2734, -69.3996
Hunter-Lab	50.8397, -27.6006, 0.9992

Details

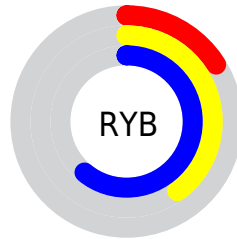
The Hex color **289B8E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2835**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **68D2C4**, and **00675C** is the 20% darker color. If you saturate the color by 10%, you get **199B8C**, and if you desaturate by 10%, it is **389B90**.

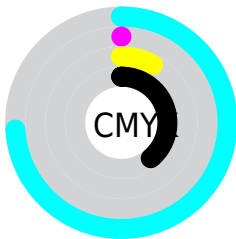
Distribution



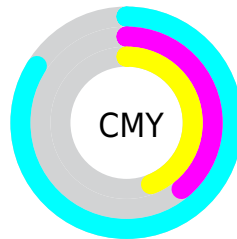
- Red (16%)
- Green (61%)
- Blue (56%)



- Red (16%)
- Yellow (40%)
- Blue (61%)



- Cyan (74%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (84%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289B8E 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 289B8E by changing the saturation by 10% instead.



289B8E



289B8E

FFFFFF



008174



68D2C4



00675C



85EFE0



004E44



A2FFFC



00372E



BFFFFFF



002319



DDFFFF



000000



FBFFFF



289B8E



289B8E



199B8C



389B90

099B8A

479B92

009B89

579B93

669B95

769B97

859B99

959B9A

A49B9C

B49B9E

Harmonies

Analogous

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



569970



289B8E



009AAB

Triad

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



289B8E



9382BD



B48056

Complementary

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



289B8E



9B2835

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.



C3776B



289B8E



B478A6

Square

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



289B8E



658DC7



C47388



9B8B4F

Rectangle

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



289B8E



0C97BB



C47388



BA7D5C

Sweetspot

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



289B8E



9DC9C4



359B28



4B6663



E6E6E6



666666

Same Dimension

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



289B8E



16C9B5



286F9B



454D4C



008C7C



000D0B

Inverse Universe

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



9B2835



C9162A



9B5428



4D4546



8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 289B8E looks on a white background.

Color Contrast Check

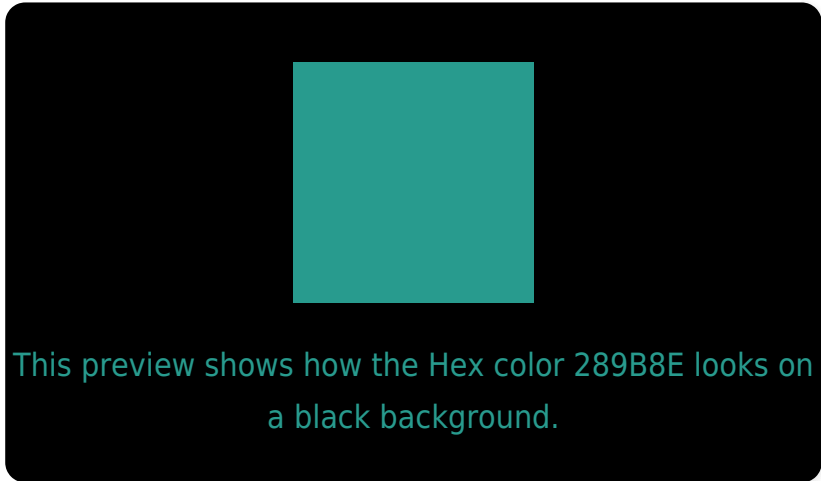
Large Text (above 18pt) WCAG AA ✓ Pass

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

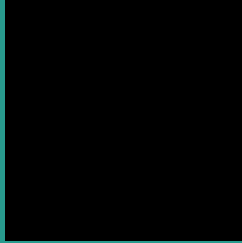
Any Text WCAG AA ✓ Pass

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 289B8E Background



This preview shows how black text looks on a background with the Hex color 289B8E.

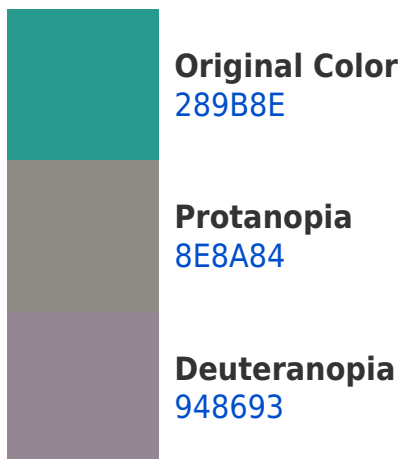


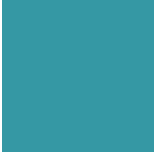
This preview shows how white text looks on a background with the Hex color 289B8E.

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
3598A4

Trichromacy



Original Color
289B8E



Protanomaly
699088



Deuteranomaly
6D8E91



Tritanomaly
30999C

Monochromacy



Original Color
289B8E



Achromatopsia
777777



Achromatomaly
5A847F

CSS Examples

Text

The CSS property to change the color of the text to Hex 289B8E 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 #289B8E looks like.

```
.text, #text, p{  
    color:#289B8E  
}
```

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 #289B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289B8E
}
```

Border

The CSS property to change the border of an element to Hex 289B8E 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
#289B8E }
```

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

```
.border{ border-color:#289B8E }
```

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

Here you see how a box with a 4 pixel #289B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289B8E; -webkit-box-shadow:4px 4px  
4px 4px #289B8E; box-shadow:4px 4px 4px  
4px #289B8E }
```

Background

The CSS property to change the background color of an element to Hex 289B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289B8E }
```

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

```
.background{ background-color:#289B8E }
```

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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