

Converting Colors

Hex(289278)

Have a look what the booklet for
Hex(289278) contains.

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Color

Hex(289278)

Conversions

Conversions Part 1

Format	Color
Hex	289278
RGB	40, 146, 120
RGB Percent	16%, 57%, 47%
CMY	0.8431, 0.4275, 0.5294
CMYK	0.73, 0.00, 0.18, 0.43
HSL	165°, 57%, 36%
HSV	165°, 73%, 57%
XYZ	14.5441, 22.3650, 21.3196
YIQ	111.3420, -54.8300, -30.5580

Conversions

Conversions Part 2

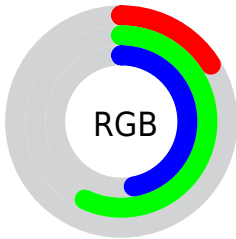
Format	Color
RYB	40, 100, 146
Decimal	2658936
CIELab	54.41, -36.06, 5.26
CIELCh	54, 36.447, 171.697
Yxy	22.3650, 0.2498, 0.3841
Android (android.graphics.Color)	4280849016 (0xFF289278)
YUV	111.3420, 4.2684, -62.5669
Hunter-Lab	47.2916, -27.8642, 6.3755

Details

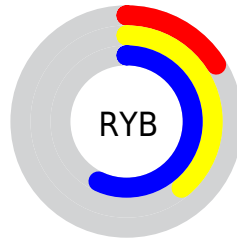
The Hex color **289278** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **922842**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **65C9AC**, and **005F48** is the 20% darker color. If you saturate the color by 10%, you get **199274**, and if you desaturate by 10%, it is **37927C**.

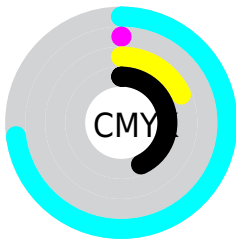
Distribution



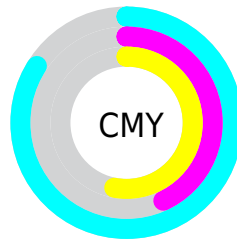
- Red (16%)
- Green (57%)
- Blue (47%)



- Red (16%)
- Yellow (39%)
- Blue (57%)



- Cyan (73%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289278 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 289278 by changing the saturation by 10% instead.


 289278

 289278

FFFFFF

 00785F

 65C9AC

 005F48

 81E5C8

 004631

 9EFFE4

 002F1C

 BBFFFF

 001802

 D8FFFF

 000000

 F5FFFF

 289278

 289278

 199274

 37927C

■ 0B9271

■ 45927F

■ 00926E

■ 549283

■ 629286

■ 71928A

■ 80928D

■ 8E9291

■ 9D9295

■ AB9298

Harmonies

Analogous

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



5A8E5A



289278



009298

Triad

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



289278



787DBD



B47252

Complementary

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



289278



922842

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.



BE6A6D



289278



A171AA

Square

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



289278



3C88C0



B9698C



9D7D43

Rectangle

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



289278



0091AB



B9698C



B96F5A

Sweetspot

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



289278



93BDB3



429228



465E58



DEDEDE



5E5E5E

Same Dimension

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



289278



19BD94



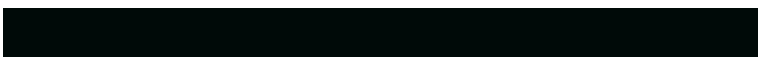
287892



434A48



008A68



000A08

Inverse Universe

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



922842



BD1941



924228



4A4344



8A0022



0A0003

Previews

White Background



This preview shows how the Hex color 289278 looks on a white background.

Color Contrast Check

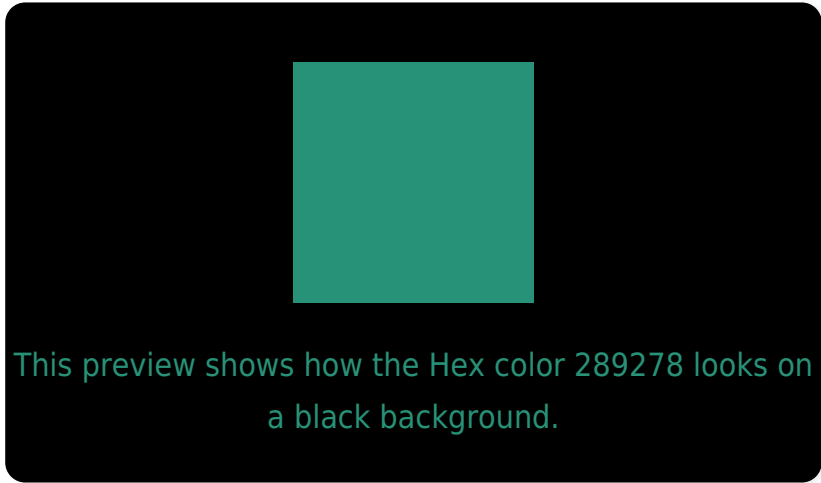
Large Text (above 18pt) WCAG AA ✓ Pass

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

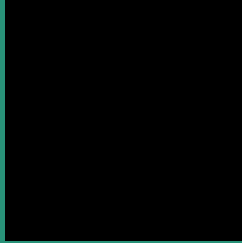
Any Text WCAG AA ✓ Pass

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 289278 Background



This preview shows how black text looks on a background with the Hex color 289278.

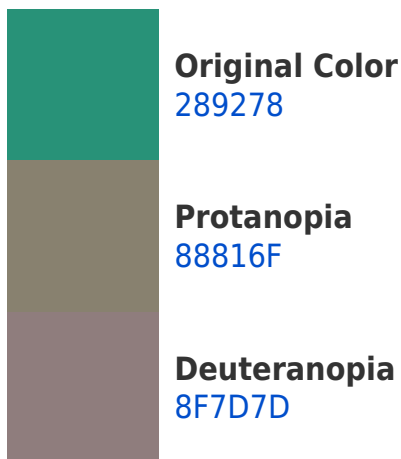


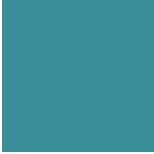
This preview shows how white text looks on a background with the Hex color 289278.

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
398D99

Trichromacy



Original Color
289278



Protanomaly
658772



Deuteranomaly
6A857B



Tritanomaly
338F8D

Monochromacy



Original Color
289278



Achromatopsia
6F6F6F



Achromatomaly
557C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 289278 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 #289278 looks like.

```
.text, #text, p{  
    color:#289278  
}
```

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 #289278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289278  
}
```

Border

The CSS property to change the border of an element to Hex 289278 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  
#289278 }
```

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

```
.border{ border-color:#289278 }
```

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

Here you see how a box with a 4 pixel #289278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289278; -webkit-box-shadow:4px 4px  
4px 4px #289278; box-shadow:4px 4px 4px  
4px #289278 }
```

Background

The CSS property to change the background color of an element to Hex 289278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289278 }
```

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

```
.background{ background-color:#289278 }
```

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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