

Converting Colors

Hex(289CB7)

Have a look what the booklet for
Hex(289CB7) contains.

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Color

Hex(289CB7)

Conversions

Conversions Part 1

Format	Color
Hex	289CB7
RGB	40, 156, 183
RGB Percent	16%, 61%, 72%
CMY	0.8431, 0.3882, 0.2824
CMYK	0.78, 0.15, 0.00, 0.28
HSL	191°, 64%, 44%
HSV	191°, 78%, 72%
XYZ	21.3108, 27.6469, 49.0129
YIQ	124.3940, -77.8030, -16.1950

Conversions

Conversions Part 2

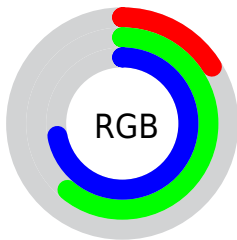
Format	Color
R_{YB}	40, 104, 183
Decimal	2661559
CIE _{Lab}	59.57, -21.97, -22.99
CIE _{LCh}	60, 31.799, 226.296
Yxy	27.6469, 0.2175, 0.2822
Android (android.graphics.Color)	4280851639 (0xFF289CB7)
YUV	124.3940, 28.8928, -74.0135
Hunter-Lab	52.5804, -19.6697, -18.4611

Details

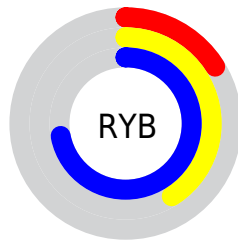
The Hex color **289CB7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B74328**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DD3EF**, and **006882** is the 20% darker color. If you saturate the color by 10%, you get **1699B7**, and if you desaturate by 10%, it is **3A9FB7**.

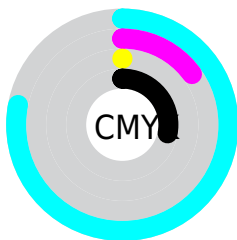
Distribution



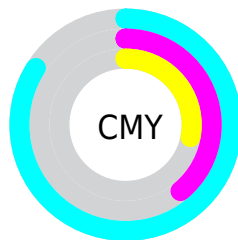
- Red (16%)
- Green (61%)
- Blue (72%)



- Red (16%)
- Yellow (41%)
- Blue (72%)



- Cyan (78%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289CB7 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 289CB7 by changing the saturation by 10% instead.

 289CB7

 289CB7

FFFFFF

 00829C

 6DD3EF

 006882

 8BEFFF

 005069

 A9FFFF

 003951

 C7FFFF

 002439

 E5FFFF

 000224

 00000C

 000000

 289CB7

 289CB7

■ 1699B7

■ 3A9FB7

■ 0395B7

■ 4DA3B7

■ 0094B7

■ 5FA6B7

■ 71AAB7

■ 84ADB7

■ 96B1B7

■ A8B4B7

■ BAB8B7

■ CDBBB7

Harmonies

Analogous

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



2D9F9E



289CB7



5296C5

Triad

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



289CB7



BE7B9D



939359

Complementary

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



289CB7



B74328

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.



AD8959



289CB7



C67A81

Square

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



289CB7



A683B6



C08068



739A68

Rectangle

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



289CB7



7190C7



C08068



9C9057

Sweetspot

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



289CB7



B7E3ED



28B742



567278



F7F7F7



787878

Same Dimension

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



289CB7



0EC3ED



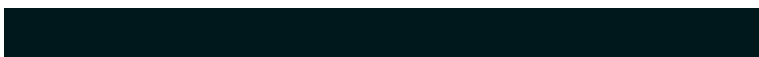
2855B7



535A5C



007E9C



00171C

Inverse Universe

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



B7289C



ED0EC3



B78A28



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 289CB7 looks on a white background.

Color Contrast Check

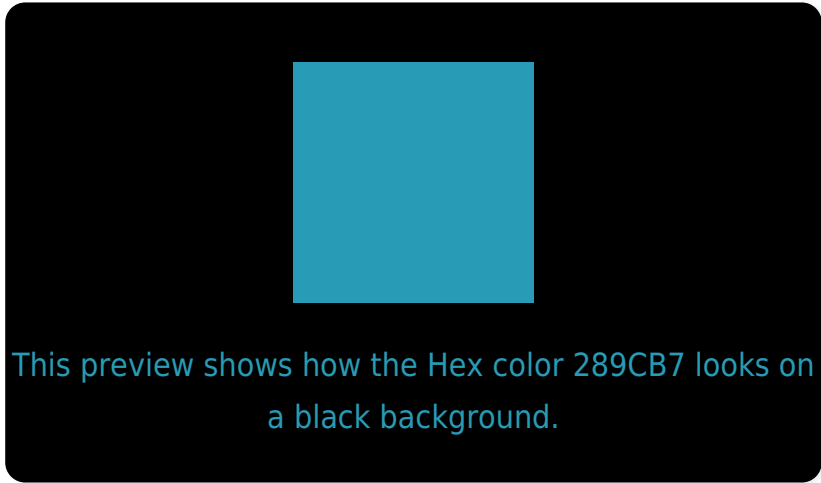
Large Text (above 18pt) WCAG AA ✓ Pass

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

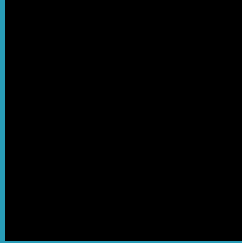
Any Text WCAG AA ✓ Pass

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 289CB7 Background



This preview shows how black text looks on a background with the Hex color 289CB7.

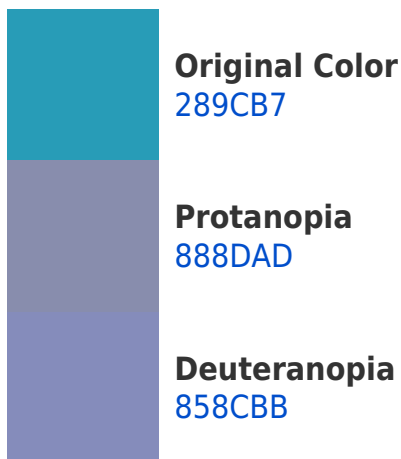


This preview shows how white text looks on a background with the Hex color 289CB7.

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](#).

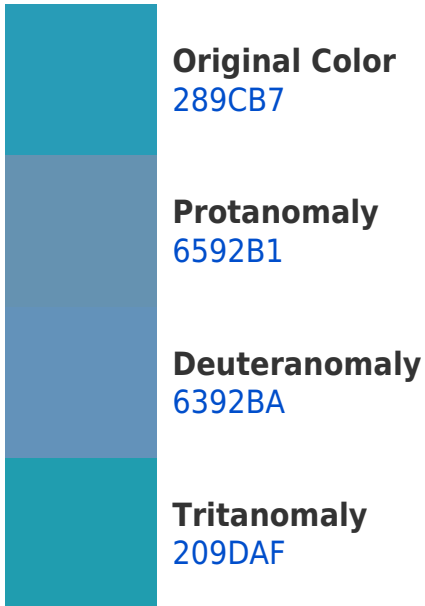
Dichromacy





Tritanopia
1B9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 289CB7 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 #289CB7 looks like.

```
.text, #text, p{  
    color:#289CB7  
}
```

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 #289CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289CB7
}
```

Border

The CSS property to change the border of an element to Hex 289CB7 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
#289CB7 }
```

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

```
.border{ border-color:#289CB7 }
```

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

Here you see how a box with a 4 pixel #289CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289CB7; -webkit-box-shadow:4px 4px  
4px 4px #289CB7; box-shadow:4px 4px 4px  
4px #289CB7 }
```

Background

The CSS property to change the background color of an element to Hex 289CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289CB7 }
```

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

```
.background{ background-color:#289CB7 }
```

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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