

Converting Colors

Hex(289DD4)

Have a look what the booklet for
Hex(289DD4) contains.

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Color

Hex(289DD4)

Conversions

Conversions Part 1

Format	Color
Hex	289DD4
RGB	40, 157, 212
RGB Percent	16%, 62%, 83%
CMY	0.8431, 0.3843, 0.1686
CMYK	0.81, 0.26, 0.00, 0.17
HSL	199°, 68%, 49%
HSV	199°, 81%, 83%
XYZ	24.8157, 29.3185, 66.6385
YIQ	128.2870, -87.3870, -7.6990

Conversions

Conversions Part 2

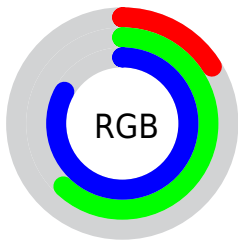
Format	Color
R_{YB}	40, 110, 212
Decimal	2661844
CIE _{Lab}	61.06, -12.59, -36.94
CIE _{LCh}	61, 39.028, 251.176
Yxy	29.3185, 0.2055, 0.2428
Android (android.graphics.Color)	4280851924 (0xFF289DD4)
YUV	128.2870, 41.2705, -77.4277
Hunter-Lab	54.1466, -12.9489, -35.0659

Details

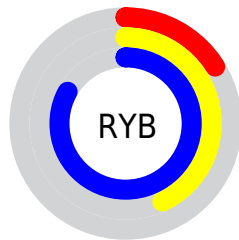
The Hex color **289DD4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D45F28**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72D3FF**, and **006A9D** is the 20% darker color. If you saturate the color by 10%, you get **1396D4**, and if you desaturate by 10%, it is **3DA4D4**.

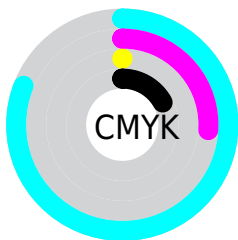
Distribution



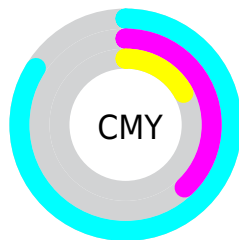
- Red (16%)
- Green (62%)
- Blue (83%)



- Red (16%)
- Yellow (43%)
- Blue (83%)



- Cyan (81%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 289DD4 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 289DD4 by changing the saturation by 10% instead.

 289DD4

 289DD4

FFFFFF

 0083B8

 72D3FF

 006A9D

 91F0FF

 005283

 AFFFFFF

 003B69

 CEFFFF

 002551

 ECFFFF

 000D3A

 000223

 00000A

 000000

■ 289DD4

■ 289DD4

■ 1396D4

■ 3DA4D4

■ 0090D4

■ 52ABD4

■ 68B1D4

■ 7DB8D4

■ 92BFD4

■ A7C6D4

■ BCCCD4

■ D2D3D4

■ E7DAD4

Harmonies

Analogous

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



00A3C0



289DD4



7492D7

Triad

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



289DD4



D57888



779E5E

Complementary

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



289DD4



D45F28

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.



9C964E



289DD4



D07E68

Square

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



289DD4



C87BAA



BB8A52



48A47C

Rectangle

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



289DD4



988ACE



BB8A52



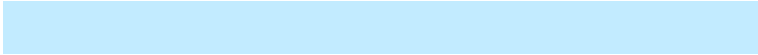
849C57

Sweetspot

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



289DD4



C2EBFF



28D45E



5B7480



000000



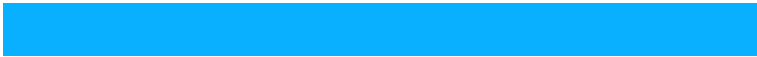
808080

Same Dimension

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



289DD4



08B0FF



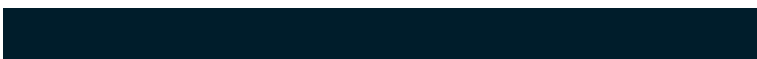
2848D4



60686B



0074AB



001D2B

Inverse Universe

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



D4289D



FF08B0



D4B428



6B6068



AB0074



2B001D

Previews

White Background



This preview shows how the Hex color 289DD4 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



This preview shows how the Hex color 289DD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

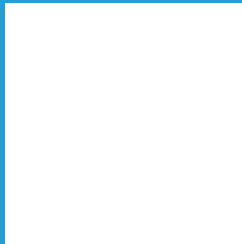
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 289DD4 Background



This preview shows how black text looks on a background with the Hex color 289DD4.

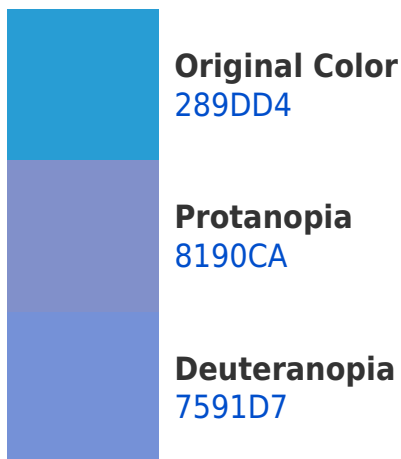


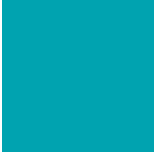
This preview shows how white text looks on a background with the Hex color 289DD4.

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](#).

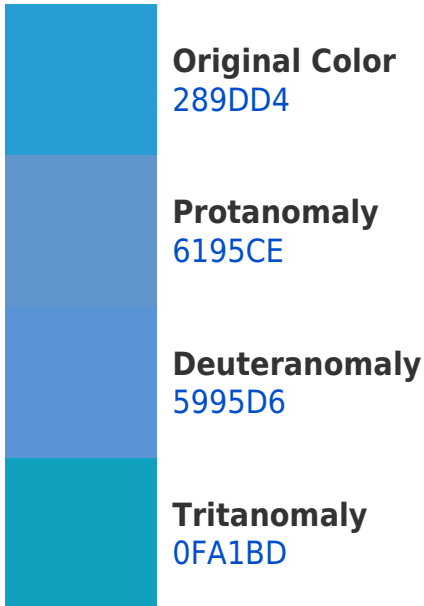
Dichromacy





Tritanopia
00A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 289DD4 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 #289DD4 looks like.

```
.text, #text, p{  
    color:#289DD4  
}
```

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 #289DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289DD4
}
```

Border

The CSS property to change the border of an element to Hex 289DD4 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
#289DD4 }
```

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

```
.border{ border-color:#289DD4 }
```

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

Here you see how a box with a 4 pixel #289DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289DD4; -webkit-box-shadow:4px 4px  
4px 4px #289DD4; box-shadow:4px 4px 4px  
4px #289DD4 }
```

Background

The CSS property to change the background color of an element to Hex 289DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289DD4 }
```

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

```
.background{ background-color:#289DD4 }
```

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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