

# Converting Colors

Hex(29DFDC)

Have a look what the booklet for  
Hex(29DFDC) contains.

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# **Color**

**Hex(29DFDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29DFDC
RGB	41, 223, 220
RGB Percent	16%, 87%, 86%
CMY	0.8392, 0.1255, 0.1373
CMYK	0.82, 0.00, 0.01, 0.13
HSL	179°, 74%, 52%
HSV	179°, 82%, 87%
XYZ	40.2204, 58.4141, 76.8654
YIQ	168.2400, -107.5090, -39.5170

# Conversions

## Conversions Part 2

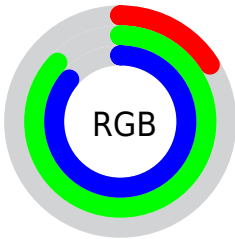
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 133, 223
Decimal	2744284
CIE <sub>Lab</sub>	80.97, -42.59, -10.90
CIE <sub>LCh</sub>	81, 43.958, 194.351
Yxy	58.4141, 0.2292, 0.3328
Android (android.graphics.Color)	4280934364 (0xFF29DFDC)
YUV	168.2400, 25.5177, -111.5895
Hunter-Lab	76.4291, -39.8163, -6.1281

# Details

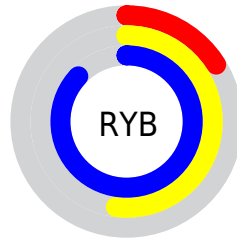
The Hex color **29DFDC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF292C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7AFFFF**, and **00A7A5** is the 20% darker color. If you saturate the color by 10%, you get **13DFDC**, and if you desaturate by 10%, it is **3FDFDC**.

# Distribution



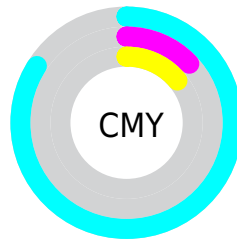
- Red (16%)
- Green (87%)
- Blue (86%)



- Red (16%)
- Yellow (52%)
- Blue (87%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (84%)
- Magenta (13%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29DFDC 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 29DFDC by changing the saturation by 10% instead.



 29DFDC

 29DFDC

FFFFFF

 00C3C0

 7AFFFF

 00A7A5

 9BFFFF

 008C8B

 BBFFFF

 007271

 DBFFFF

 005959

 FAFFFF

 004042

 002A2C

 000818

 000000

■ 29DFDC

■ 29DFDC

■ 13DFDC

■ 3DFDFC

■ 00DFDB

■ 56DFDD

■ 6CDFDD

■ 82DFDD

■ 98DFDE

■ ADFDFE

■ C5DFDF

■ DBDFDF

■ F2DFDF

# Harmonies

## Analogous

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



6DDDB2



29DFDC



00DCFF

# Triad

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



29DFDC



E7B7FF



F7BF7A

# Complementary

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



29DFDC



DF292C

# 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.



FFB191



29DFDC



FFABE0

# Square

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



29DFDC



ADC6FF



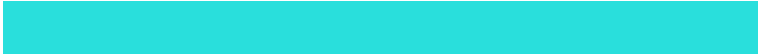
FFA9B7



D0CD78

# Rectangle

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



29DFDC



49D7FF



FFA9B7



FFBA80

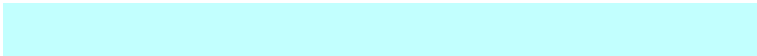


# Sweetspot

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



29DFDC



C2FFFE



2CDF29



5B807F



000000



808080



# Same Dimension

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



29DFDC



05FFFB



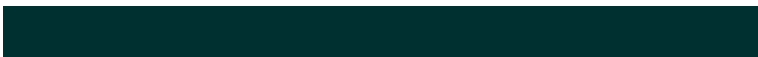
2987DF



657070



00B0AD



003030



# Inverse Universe

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



DF292C



FF0509



DF8129



706565



B00003

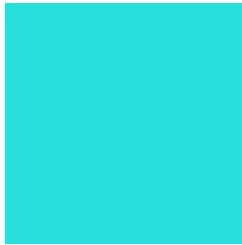


300001



# Previews

## White Background



This preview shows how the Hex color 29DFDC looks on a white background.

## Color Contrast Check

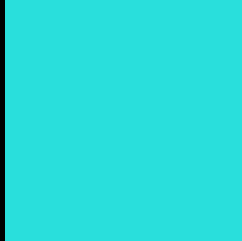
Large Text (above 18pt) WCAG AA × Fail

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 29DFDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

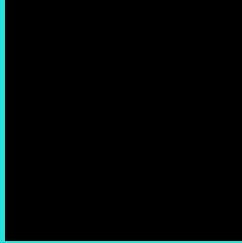
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 29DFDC Background



This preview shows how black text looks on a background with the Hex color 29DFDC.

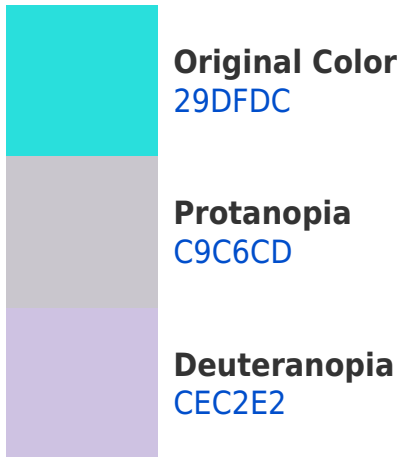


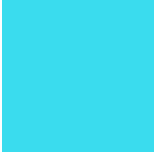
This preview shows how white text looks on a background with the Hex color 29DFDC.

# 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





# Trichromacy



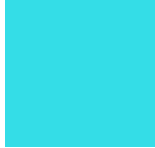
**Original Color**  
29DFDC



**Protanomaly**  
8FCFD2



**Deuteranomaly**  
92CDE0

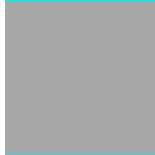


**Tritanomaly**  
34DDE7

# Monochromacy



**Original Color**  
29DFDC



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
7ABCBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29DFDC 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 #29DFDC looks like.

```
.text, #text, p{  
    color:#29DFDC  
}
```

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 #29DFDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29DFDC
}
```

## Border

The CSS property to change the border of an element to Hex 29DFDC 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
#29DFDC }
```

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

```
.border{ border-color:#29DFDC }
```

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

Here you see how a box with a 4 pixel #29DFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29DFDC; -webkit-box-shadow:4px 4px  
4px 4px #29DFDC; box-shadow:4px 4px 4px  
4px #29DFDC }
```

# Background

The CSS property to change the background color of an element to Hex 29DFDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29DFDC }
```

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

```
.background{ background-color:#29DFDC }
```

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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