

# Converting Colors

Hex(029DD2)

Have a look what the booklet for  
Hex(029DD2) contains.

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# Color

**Hex(029DD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	029DD2
RGB	2, 157, 210
RGB Percent	1%, 62%, 82%
CMY	0.9922, 0.3843, 0.1765
CMYK	0.99, 0.25, 0.00, 0.18
HSL	195°, 98%, 42%
HSV	195°, 99%, 82%
XYZ	23.7149, 28.7800, 65.2780
YIQ	116.6970, -109.3930, -16.3770

# Conversions

## Conversions Part 2

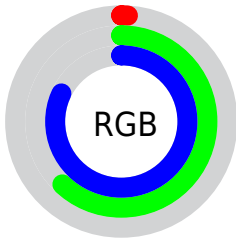
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 91, 210
Decimal	171474
CIELab	60.59, -15.34, -36.60
CIELCh	61, 39.682, 247.253
Yxy	28.7800, 0.2014, 0.2444
Android (android.graphics.Color)	4278361554 (0xFF029DD2)
YUV	116.6970, 45.9984, -100.5893
Hunter-Lab	53.6470, -14.9756, -34.5915

# Details

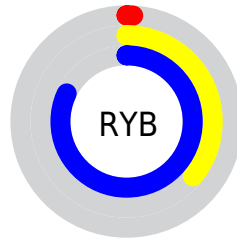
The Hex color **029DD2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D23702**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **66D4FF**, and **006A9B** is the 20% darker color. If you saturate the color by 10%, you get **009CD2**, and if you desaturate by 10%, it is **17A2D2**.

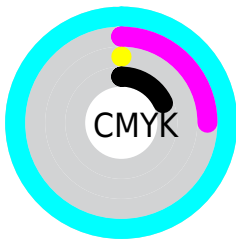
# Distribution



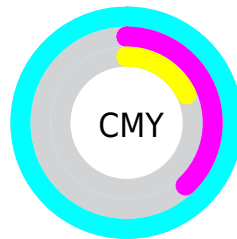
- Red (1%)
- Green (62%)
- Blue (82%)



- Red (1%)
- Yellow (36%)
- Blue (82%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (38%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029DD2 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 029DD2 by changing the saturation by 10% instead.



 029DD2

 029DD2


FFFFFF

 0083B6

 66D4FF

 006A9B

 86F0FF

 005281

 A5FFFF

 003B68

 C4FFFF

 00254F

 E3FFFF

 000938

 000222

 000008

 000000

029DD2

029DD2

009CD2

17A2D2

2CA8D2

41ADD2

56B2D2

6BB8D2

80BDD2

95C2D2

AAC8D2

BFCDD2

# Harmonies

## Analogous

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



00A3BB



029DD2



6A93D7

# Triad

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



029DD2



D4768B



7A9C59

# Complementary

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



029DD2



D23702

# 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.



A0934B



029DD2



D17B69

# Square

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



029DD2



C57AAE



BE8752



4CA276

# Rectangle

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



029DD2



908AD0



BE8752



879A52

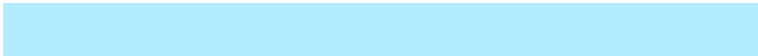


# Sweetspot

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



029DD2



B3ECFF



02D236



527480



000000



808080

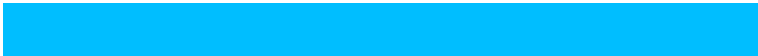


# Same Dimension

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



029DD2



00BEFF



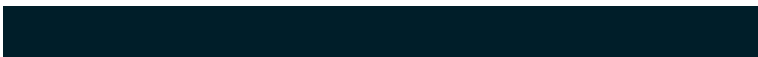
0236D2



5E6669



007DA8



001E29



# Inverse Universe

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



D2029D



FF00BE



D29E02



695E66



A8007D



29001E



# Previews

## White Background



This preview shows how the Hex color 029DD2 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 029DD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

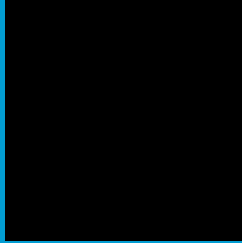
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 029DD2 Background



This preview shows how black text looks on a background with the Hex color 029DD2.

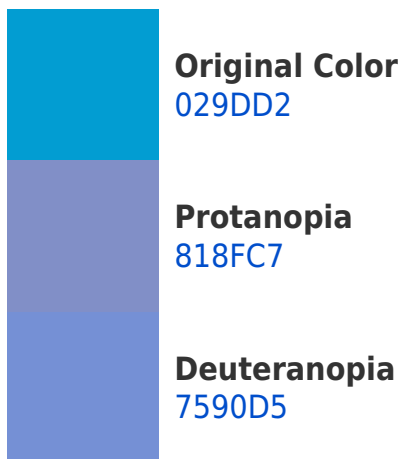


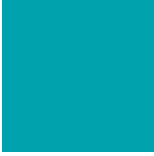
This preview shows how white text looks on a background with the Hex color 029DD2.

# 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**  
00A2AE

# Trichromacy



**Original Color**  
029DD2



**Protanomaly**  
5394CB



**Deuteranomaly**  
4B95D4



**Tritanomaly**  
01A0BB

# Monochromacy



**Original Color**  
029DD2



**Achromatopsia**  
757575



**Achromatomaly**  
4B8497

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029DD2 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 #029DD2 looks like.

```
.text, #text, p{  
    color:#029DD2  
}
```

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 #029DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029DD2
}
```

## Border

The CSS property to change the border of an element to Hex 029DD2 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
#029DD2 }
```

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

```
.border{ border-color:#029DD2 }
```

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

Here you see how a box with a 4 pixel #029DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029DD2; -webkit-box-shadow:4px 4px  
4px 4px #029DD2; box-shadow:4px 4px 4px  
4px #029DD2 }
```

# Background

The CSS property to change the background color of an element to Hex 029DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029DD2 }
```

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

```
.background{ background-color:#029DD2 }
```

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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