

Converting Colors

Hex(029CCE)

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

Hex(029CCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(029CCE)

Conversions

Conversions Part 1

Format	Color
Hex	029CCE
RGB	2, 156, 206
RGB Percent	1%, 61%, 81%
CMY	0.9922, 0.3882, 0.1922
CMYK	0.99, 0.24, 0.00, 0.19
HSL	195°, 98%, 41%
HSV	195°, 99%, 81%
XYZ	23.0541, 28.2461, 62.6295
YIQ	115.6540, -107.8340, -17.0980

Conversions

Conversions Part 2

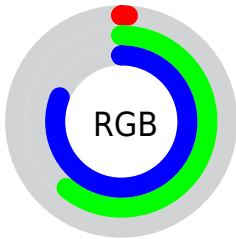
Format	Color
R_{YB}	2, 90, 206
Decimal	171214
CIE Lab	60.11, -16.24, -35.10
CIE LCh	60, 38.679, 245.174
Yxy	28.2461, 0.2024, 0.2479
Android (android.graphics.Color)	4278361294 (0xFF029CCE)
YUV	115.6540, 44.5406, -99.6746
Hunter-Lab	53.1470, -15.5777, -32.6655

Details

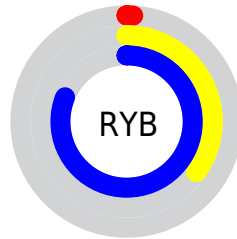
The Hex color **029CCE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CE3402**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **65D3FF**, and **006997** is the 20% darker color. If you saturate the color by 10%, you get **009CCE**, and if you desaturate by 10%, it is **17A1CE**.

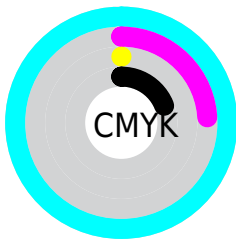
Distribution



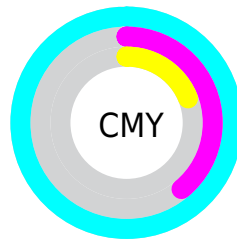
- Red (1%)
- Green (61%)
- Blue (81%)



- Red (1%)
- Yellow (35%)
- Blue (81%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (99%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 029CCE

 029CCE

FFFFFF

 0082B2

 65D3FF

 006997

 85EFFF

 00517D


 A4FFFF


 003A64


 C3FFFF

 00244C

 E2FFFF

 000535

 00021F

 000002

 000000

■ 029CCE

■ 029CCE

■ 009CCE

■ 17A1CE

■ 2BA6CE

■ 40ABCE

■ 54B0CE

■ 69B5CE

■ 7EBACE

■ 92BFCE

■ A7C4CE

■ BBC9CE

Harmonies

Analogous

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



00A1B7



029CCE



6692D4

Triad

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



029CCE



D1758C



7C9A58

Complementary

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



029CCE



CE3402

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.



A1914C



029CCE



CF7A6B

Square

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



029CCE



C07AAE



BD8553



51A073

Rectangle

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



029CCE



8C8ACE



BD8553



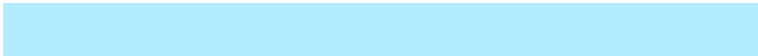
899852

Sweetspot

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



029CCE



B3ECFF



02CE32



527480



000000



808080

Same Dimension

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



029CCE



00C0FF



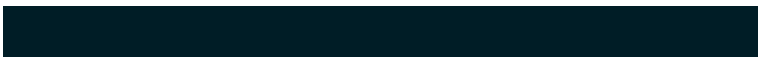
0238CE



5C6466



007DA6



001D26

Inverse Universe

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



CE029C



FF00C0



CE9802



665C63



A6007D



26001D

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

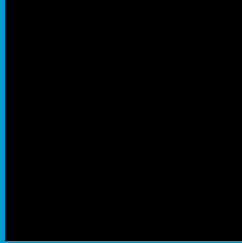
Any Text WCAG AA ✓ Pass

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 029CCE Background



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

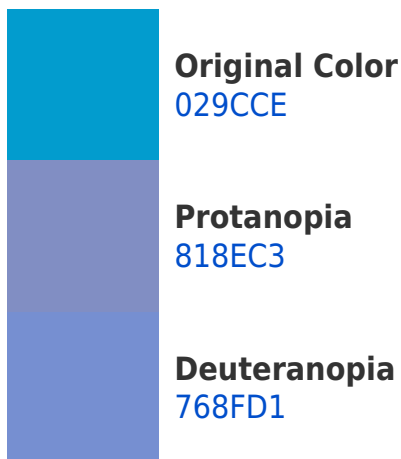


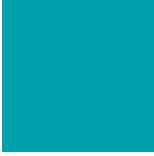
This preview shows how white text looks on a background with the Hex color 029CCE.

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
00A0AC

Trichromacy



Original Color
029CCE



Protanomaly
5393C7



Deuteranomaly
4C94D0



Tritanomaly
019FB8

Monochromacy



Original Color
029CCE



Achromatopsia
747474



Achromatomaly
4B8395

CSS Examples

Text

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

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

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 #029CCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor