

Converting Colors

Hex(049CE2)

Have a look what the booklet for
Hex(049CE2) contains.

Hex(049CE2)	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(049CE2)

Conversions

Conversions Part 1

Format	Color
Hex	049CE2
RGB	4, 156, 226
RGB Percent	2%, 61%, 89%
CMY	0.9843, 0.3882, 0.1137
CMYK	0.98, 0.31, 0.00, 0.11
HSL	199°, 97%, 45%
HSV	199°, 98%, 89%
XYZ	25.6660, 29.2937, 76.2530
YIQ	118.5320, -113.0620, -10.4540

Conversions

Conversions Part 2

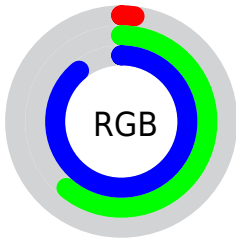
Format	Color
RYB	4, 94, 226
Decimal	302306
CIELab	61.04, -8.89, -44.78
CIELCh	61, 45.654, 258.772
Yxy	29.2937, 0.1956, 0.2233
Android (android.graphics.Color)	4278492386 (0xFF049CE2)
YUV	118.5320, 52.9817, -100.4446
Hunter-Lab	54.1237, -10.0699, -45.6451

Details

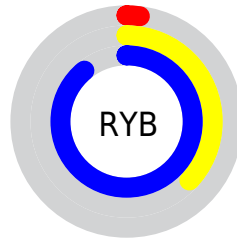
The Hex color **049CE2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E24A04**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6AD2FF**, and **0069AA** is the 20% darker color. If you saturate the color by 10%, you get **009BE2**, and if you desaturate by 10%, it is **1BA3E2**.

Distribution



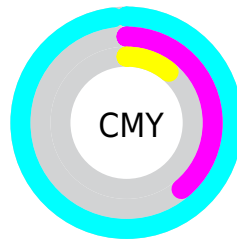
- Red (2%)
- Green (61%)
- Blue (89%)



- Red (2%)
- Yellow (37%)
- Blue (89%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049CE2 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 049CE2 by changing the saturation by 10% instead.

 049CE2

 049CE2

FFFFFF

 0082C6

 6AD2FF

 0069AA

 8BEFFF

 00518F

 AAFFFF

 003B75

 C9FFFF

 00255C

 E9FFFF

 000E44

 00032D

 000118

 000000

■ 049CE2

■ 049CE2

■ 009BE2

■ 1BA3E2

■ 31AAE2

■ 48B1E2

■ 5EB9E2

■ 75C0E2

■ 8CC7E2

■ A2CEE2

■ B9D5E2

■ CFDCE2

Harmonies

Analogous

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



00A4CF



049CE2



7D8FE0

Triad

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



049CE2



DF727C



64A25C

Complementary

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



049CE2



E24A04

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.



929944



049CE2



D47D58

Square

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



049CE2



D673A4



B88C42



0FA782

Rectangle

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



049CE2



A684D2



B88C42



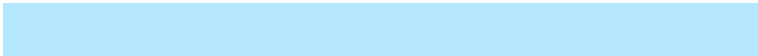
749F52

Sweetspot

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



049CE2



B5E8FF



04E247



537180



000000



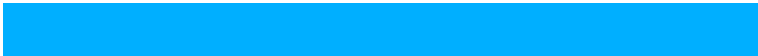
808080

Same Dimension

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



049CE2



00AFFF



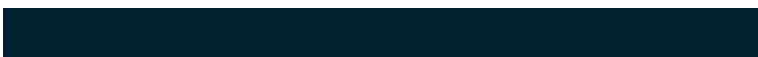
0430E2



656D70



0078B0



002130

Inverse Universe

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



E2049C



FF00AF



E2B604



70656D



B00078



300021

Previews

White Background



This preview shows how the Hex color 049CE2 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 049CE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

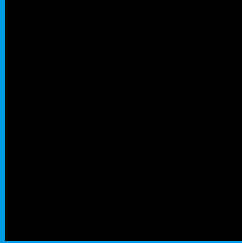
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

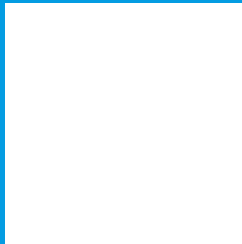
Any Text WCAG AAA × Fail

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

Hex 049CE2 Background



This preview shows how black text looks on a background with the Hex color 049CE2.



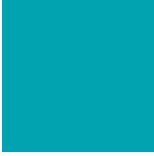
This preview shows how white text looks on a background with the Hex color 049CE2.

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](#).

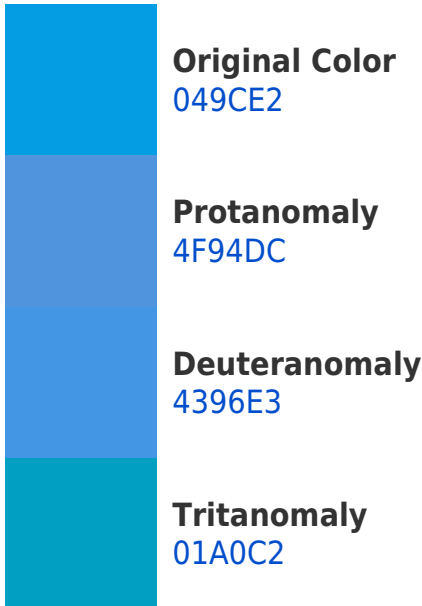
Dichromacy





Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 049CE2 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 #049CE2 looks like.

```
.text, #text, p{  
    color:#049CE2  
}
```

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 #049CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049CE2
}
```

Border

The CSS property to change the border of an element to Hex 049CE2 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
#049CE2 }
```

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

```
.border{ border-color:#049CE2 }
```

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

Here you see how a box with a 4 pixel #049CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049CE2; -webkit-box-shadow:4px 4px  
4px 4px #049CE2; box-shadow:4px 4px 4px  
4px #049CE2 }
```

Background

The CSS property to change the background color of an element to Hex 049CE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049CE2 }
```

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

```
.background{ background-color:#049CE2 }
```

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