

Converting Colors

Hex(009FCD)

Have a look what the booklet for
Hex(009FCD) contains.

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Color

Hex(009FCD)

Conversions

Conversions Part 1

Format	Color
Hex	009FCD
RGB	0, 159, 205
RGB Percent	0%, 62%, 80%
CMY	1.0000, 0.3765, 0.1961
CMYK	1.00, 0.22, 0.00, 0.20
HSL	193°, 100%, 40%
HSV	193°, 100%, 80%
XYZ	23.4176, 29.2041, 62.1603
YIQ	116.7030, -109.5300, -19.4020

Conversions

Conversions Part 2

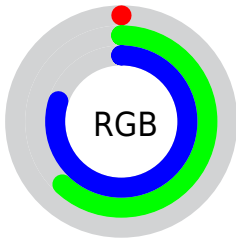
Format	Color
R_{YB}	0, 90, 205
Decimal	40909
CIE _{Lab}	60.96, -18.28, -33.22
CIE _{LCh}	61, 37.917, 241.181
Yxy	29.2041, 0.2040, 0.2544
Android (android.graphics.Color)	4278230989 (0xFF009FCD)
YUV	116.7030, 43.5304, -102.3485
Hunter-Lab	54.0408, -17.2216, -30.3697

Details

The Hex color **009FCD** 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 **CD2E00**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65D6FF**, and **006B97** is the 20% darker color. If you saturate the color by 10%, you get **009FCD**, and if you desaturate by 10%, it is **14A4CD**.

Distribution



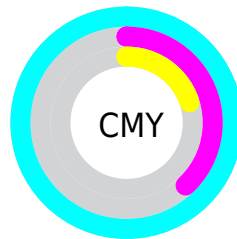
- Red (0%)
- Green (62%)
- Blue (80%)



- Red (0%)
- Yellow (35%)
- Blue (80%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009FCD 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 009FCD by changing the saturation by 10% instead.

 009FCD

 009FCD

FFFFFF

 0085B1

 65D6FF

 006B97

 85F2FF

 00537C

 A4FFFF

 003C63


 C3FFFF

 00264B

 E2FFFF

 000B34

 00021E

 000001

 000000

 009FCD

 14A4CD

 29A8CD

 3EADCD

 52B1CD

 67B6CD

 7BBBCD

 90BFCD

 A4C4CD

 B9C8CD

Harmonies

Analogous

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



00A4B5



009FCD



6196D6

Triad

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



009FCD



D17893



849B58

Complementary

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



009FCD



CD2E00

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.



A7924F



009FCD



D27C72

Square

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



009FCD



BE7EB4



C28659



5BA272

Rectangle

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



009FCD



888ED1



C28659



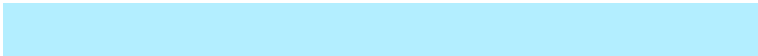
919853

Sweetspot

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



009FCD



B3EEFF



00CD2C



527580



000000



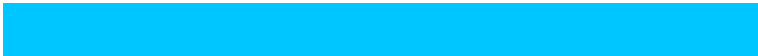
808080

Same Dimension

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



009FCD



00C6FF



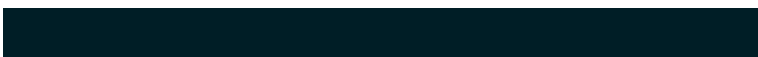
003ACD



5C6466



0081A6



001E26

Inverse Universe

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



CD009F



FF00C6



CD9300



665C64



A60081



26001E

Previews

White Background



This preview shows how the Hex color 009FCD looks on a white background.

Color Contrast Check

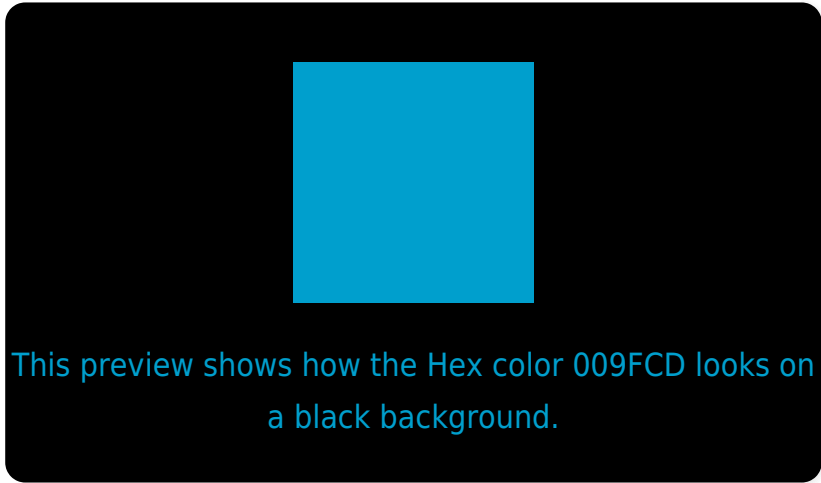
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

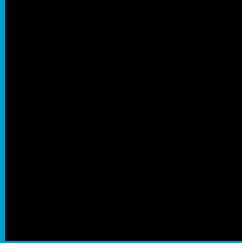
Any Text WCAG AA ✓ Pass

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 009FCD Background



This preview shows how black text looks on a background with the Hex color 009FCD.



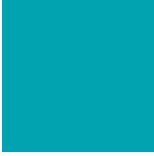
This preview shows how white text looks on a background with the Hex color 009FCD.

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



Original Color
009FCD



Protanomaly
5595C6



Deuteranomaly
4E96CF



Tritanomaly
00A2BA

Monochromacy



Original Color
009FCD



Achromatopsia
757575



Achromatomaly
4A8495

CSS Examples

Text

The CSS property to change the color of the text to Hex 009FCD 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 #009FCD looks like.

```
.text, #text, p{  
    color:#009FCD  
}
```

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 #009FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009FCD
}
```

Border

The CSS property to change the border of an element to Hex 009FCD 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
#009FCD }
```

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

```
.border{ border-color:#009FCD }
```

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

Here you see how a box with a 4 pixel #009FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009FCD; -webkit-box-shadow:4px 4px  
4px 4px #009FCD; box-shadow:4px 4px 4px  
4px #009FCD }
```

Background

The CSS property to change the background color of an element to Hex 009FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009FCD }
```

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

```
.background{ background-color:#009FCD }
```

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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