

Converting Colors

Hex(009DB0)

Have a look what the booklet for
Hex(009DB0) contains.

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Color

Hex(009DB0)

Conversions

Conversions Part 1

Format	Color
Hex	009DB0
RGB	0, 157, 176
RGB Percent	0%, 62%, 69%
CMY	1.0000, 0.3843, 0.3098
CMYK	1.00, 0.11, 0.00, 0.31
HSL	186°, 100%, 35%
HSV	186°, 100%, 69%
XYZ	19.8934, 27.2485, 45.2853
YIQ	112.2230, -99.6710, -27.3750

Conversions

Conversions Part 2

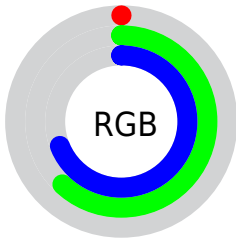
Format	Color
RYB	0, 83, 176
Decimal	40368
CIELab	59.20, -27.29, -19.63
CIElCh	59, 33.614, 215.727
Yxy	27.2485, 0.2152, 0.2948
Android (android.graphics.Color)	4278230448 (0xFF009DB0)
YUV	112.2230, 31.4421, -98.4196
Hunter-Lab	52.2001, -23.3240, -14.8959

Details

The Hex color **009DB0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B01300**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5FD4E8**, and **00697B** is the 20% darker color. If you saturate the color by 10%, you get **009DB0**, and if you desaturate by 10%, it is **129FB0**.

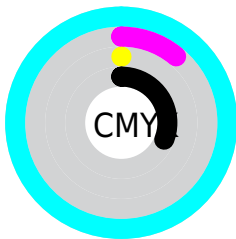
Distribution



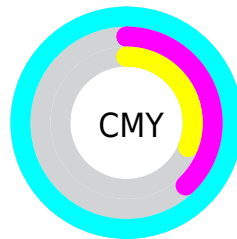
- Red (0%)
- Green (62%)
- Blue (69%)



- Red (0%)
- Yellow (33%)
- Blue (69%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009DB0 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 009DB0 by changing the saturation by 10% instead.

 009DB0

 009DB0

FFFFFF

 008395

 5FD4E8

 00697B

 7EF0FF

 005163

 9DFFFF

 00394B

 BBFFFF

 002434

 D9FFFF

 00021F

 F8FFFF

 000002

 000000

 009DB0

 129FB0

 23A1B0

 35A3B0

 46A5B0

 58A7B0

 6AA8B0

 7BAAB0

 8DACB0

 9EAEB0

Harmonies

Analogous

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



2E9E93



009DB0



3798C4

Triad

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



009DB0



B87BA7



9C8F53

Complementary

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



009DB0



B01300

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.



B68459



009DB0



C7778A

Square

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



009DB0



9985BE



C57B6E



7D975E

Rectangle

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



009DB0



5C93C9



C57B6E



A68B53

Sweetspot

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



009DB0



A1DEE6



00B012



496E73



F2F2F2



737373

Same Dimension

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



009DB0



00CDE6



0046B0



505859



008899



00171A

Inverse Universe

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



B0009D



E600CD



B06A00



595058



990088



1A0017

Previews

White Background



This preview shows how the Hex color 009DB0 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 009DB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

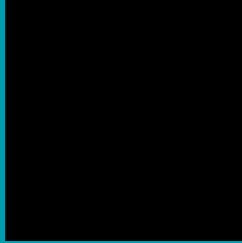
Any Text WCAG AA ✓ Pass

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 009DB0 Background



This preview shows how black text looks on a background with the Hex color 009DB0.

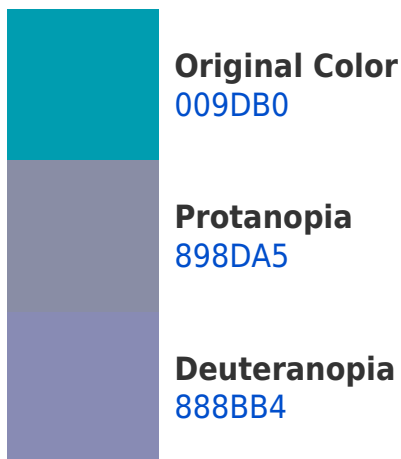


This preview shows how white text looks on a background with the Hex color 009DB0.

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
009EAA

Trichromacy



Original Color
009DB0



Protanomaly
5793A9



Deuteranomaly
5792B3



Tritanomaly
009EAC

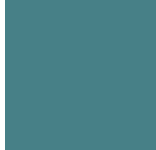
Monochromacy



Original Color
009DB0



Achromatopsia
707070



Achromatomaly
478087

CSS Examples

Text

The CSS property to change the color of the text to Hex 009DB0 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 #009DB0 looks like.

```
.text, #text, p{  
    color:#009DB0  
}
```

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 #009DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009DB0
}
```

Border

The CSS property to change the border of an element to Hex 009DB0 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
#009DB0 }
```

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

```
.border{ border-color:#009DB0 }
```

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

Here you see how a box with a 4 pixel #009DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009DB0; -webkit-box-shadow:4px 4px  
4px 4px #009DB0; box-shadow:4px 4px 4px  
4px #009DB0 }
```

Background

The CSS property to change the background color of an element to Hex 009DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009DB0 }
```

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

```
.background{ background-color:#009DB0 }
```

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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