

Converting Colors

Hex(009BBF)

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

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Color

Hex(009BBF)

Conversions

Conversions Part 1

Format	Color
Hex	009BBF
RGB	0, 155, 191
RGB Percent	0%, 61%, 75%
CMY	1.0000, 0.3922, 0.2510
CMYK	1.00, 0.19, 0.00, 0.25
HSL	191°, 100%, 37%
HSV	191°, 100%, 75%
XYZ	21.1253, 27.2043, 53.4277
YIQ	112.7590, -103.9360, -21.6640

Conversions

Conversions Part 2

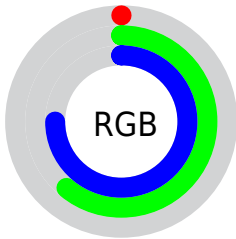
Format	Color
RYB	0, 86, 191
Decimal	39871
CIELab	59.16, -21.11, -28.16
CIELCh	59, 35.190, 233.145
Yxy	27.2043, 0.2076, 0.2673
Android (android.graphics.Color)	4278229951 (0xFF009BBF)
YUV	112.7590, 38.5728, -98.8896
Hunter-Lab	52.1577, -18.9786, -24.2233

Details

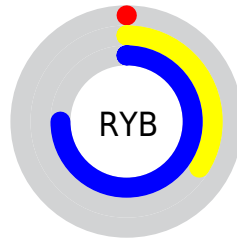
The Hex color **009BBF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF2400**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61D2F7**, and **006889** is the 20% darker color. If you saturate the color by 10%, you get **009BBF**, and if you desaturate by 10%, it is **139FBF**.

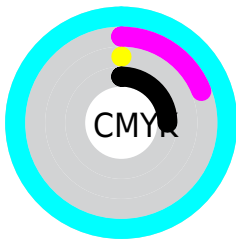
Distribution



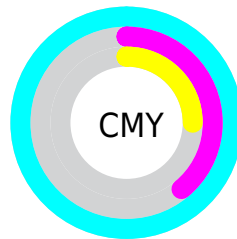
- Red (0%)
- Green (61%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 009BBF

 009BBF

FFFFFF

 0081A4

 61D2F7

 006889

 81EEFF

 004F70

 A0FFFF

 003857

 BEFFFF

 002340

 DDFFFF

 00032A

 FBFFFF

 000114

 000000

 009BBF

 139FBF

 26A2BF

 39A6BF

 4CA9BF

 60ADBf

 73B1BF

 86B4BF

 99B8BF

 ACBBBF

Harmonies

Analogous

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



009EA6



009BBF



5294CB

Triad

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



009BBF



C57797



8A9454

Complementary

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



009BBF



BF2400

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.



A98A51



009BBF



CA7778

Square

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



009BBF



AE7EB4



BF7F5E



669B68

Rectangle

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



009BBF



778DCA



BF7F5E



959151

Sweetspot

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



009BBF



ADE9F7



00BF23



50747D



FCFCFC



7D7D7D

Same Dimension

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



009BBF



00C9F7



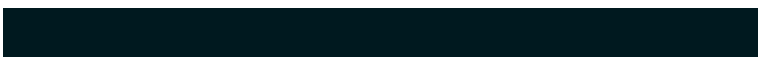
003CBF



555D5E



00809E



00191F

Inverse Universe

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



BF009B



F700C9



BF8300



5E555D



9E0080



1F0019

Previews

White Background



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

Color Contrast Check

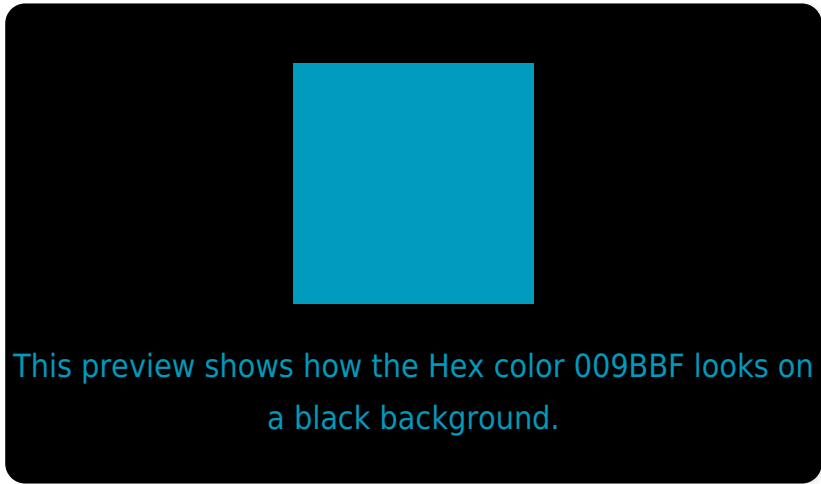
Large Text (above 18pt) WCAG AA ✓ Pass

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

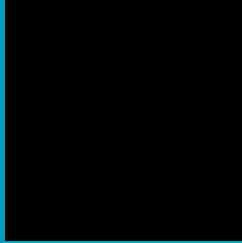
Any Text WCAG AA ✓ Pass

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 009BBF Background



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

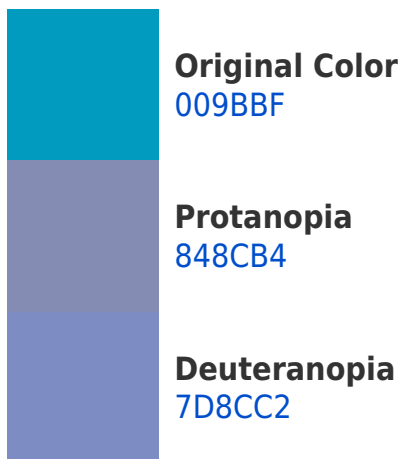


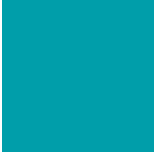
This preview shows how white text looks on a background with the Hex color 009BBF.

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
009BBF



Protanomaly
5491B8



Deuteranomaly
5091C1



Tritanomaly
009DB2

Monochromacy



Original Color
009BBF



Achromatopsia
717171



Achromatomaly
48808D

CSS Examples

Text

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

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

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 #009BBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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