

Converting Colors

Hex(009BE1)

Have a look what the booklet for
Hex(009BE1) contains.

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Color

Hex(009BE1)

Conversions

Conversions Part 1

Format	Color
Hex	009BE1
RGB	0, 155, 225
RGB Percent	0%, 61%, 88%
CMY	1.0000, 0.3922, 0.1176
CMYK	1.00, 0.31, 0.00, 0.12
HSL	199°, 100%, 44%
HSV	199°, 100%, 88%
XYZ	25.3120, 28.8789, 75.4743
YIQ	116.6350, -114.8500, -11.0900

Conversions

Conversions Part 2

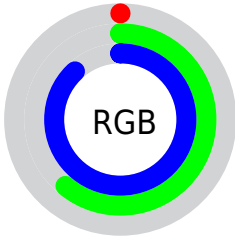
Format	Color
RYB	0, 92, 225
Decimal	39905
CIELab	60.67, -8.81, -44.80
CIELCh	61, 45.661, 258.878
Yxy	28.8789, 0.1952, 0.2227
Android (android.graphics.Color)	4278229985 (0xFF009BE1)
YUV	116.6350, 53.4239, -102.2889
Hunter-Lab	53.7391, -9.9672, -45.6529

Details

The Hex color **009BE1** 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 **E14600**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69D1FF**, and **0068A9** is the 20% darker color. If you saturate the color by 10%, you get **009BE1**, and if you desaturate by 10%, it is **16A2E1**.

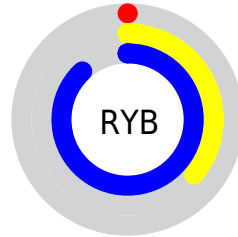
Distribution



Red (0%)

Green (61%)

Blue (88%)



Red (0%)

Yellow (36%)

Blue (88%)

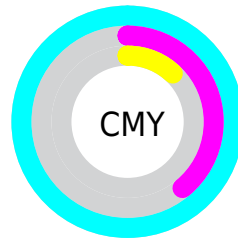


Cyan (100%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (100%)


Magenta (39%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009BE1 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 009BE1 by changing the saturation by 10% instead.

 009BE1

 009BE1

FFFFFF

 0081C5

 69D1FF

 0068A9

 8AEDFF

 00508E

 A9FFFF

 003A75

 C8FFFF

 00255B

 E8FFFF

 000C44

 00032C

 000117

 000000

■ 009BE1

■ 16A2E1

■ 2DA9E1

■ 44B0E1

■ 5AB7E1

■ 71BEE1

■ 87C5E1

■ 9DCCE1

■ B4D3E1

■ CBDAE1

Harmonies

Analogous

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



00A3CE



009BE1



7D8EDF

Triad

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



009BE1



DE717A



62A15B

Complementary

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



009BE1



E14600

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.



919843



009BE1



D27C57

Square

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



009BE1



D572A3



B78B41



0AA681

Rectangle

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



009BE1



A583D1



B78B41



739E51

Sweetspot

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



009BE1



B3E7FF



00E144



527180



000000



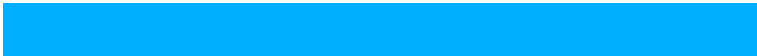
808080

Same Dimension

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



009BE1



00B0FF



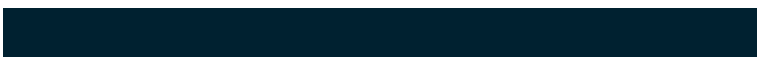
002DE1



656D70



0079B0



002130

Inverse Universe

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



E1009B



FF00B0



E1B400



70656D



B00079



300021

Previews

White Background



This preview shows how the Hex color 009BE1 looks on a white background.

Color Contrast Check

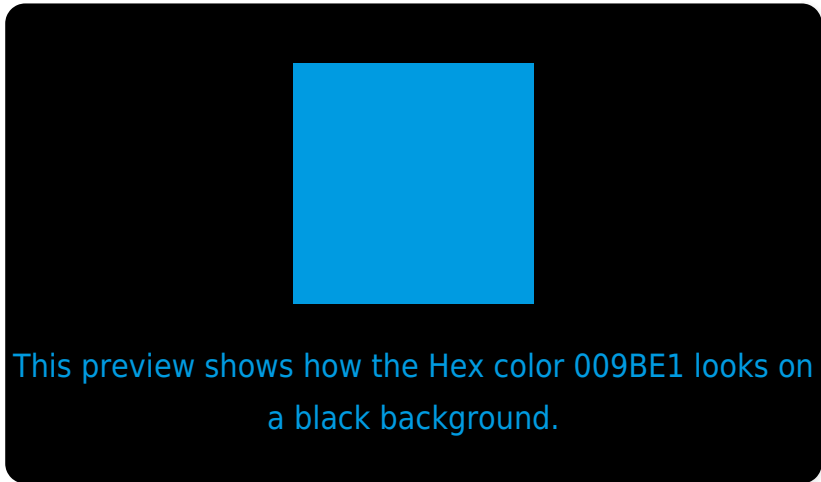
Large Text (above 18pt) WCAG AA ✓ Pass

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

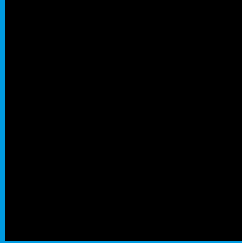
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

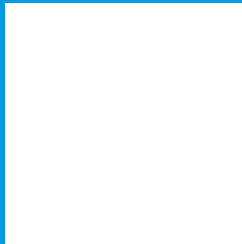
Any Text WCAG AAA × Fail

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

Hex 009BE1 Background



This preview shows how black text looks on a background with the Hex color 009BE1.



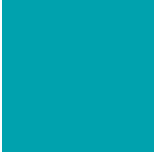
This preview shows how white text looks on a background with the Hex color 009BE1.

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
00A2AE

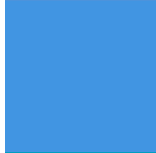
Trichromacy



Original Color
009BE1



Protanomaly
4D93DB



Deuteranomaly
4195E2



Tritanomaly
009FC1

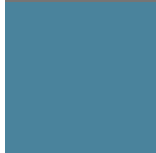
Monochromacy



Original Color
009BE1



Achromatopsia
757575



Achromatomaly
4A839C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009BE1 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 #009BE1 looks like.

```
.text, #text, p{  
    color:#009BE1  
}
```

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 #009BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009BE1
}
```

Border

The CSS property to change the border of an element to Hex 009BE1 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
#009BE1 }
```

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

```
.border{ border-color:#009BE1 }
```

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

Here you see how a box with a 4 pixel #009BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009BE1; -webkit-box-shadow:4px 4px  
4px 4px #009BE1; box-shadow:4px 4px 4px  
4px #009BE1 }
```

Background

The CSS property to change the background color of an element to Hex 009BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009BE1 }
```

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

```
.background{ background-color:#009BE1 }
```

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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