

Converting Colors

Hex(008BE9)

Have a look what the booklet for
Hex(008BE9) contains.

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Color

Hex(008BE9)

Conversions

Conversions Part 1

Format	Color
Hex	008BE9
RGB	0, 139, 233
RGB Percent	0%, 55%, 91%
CMY	1.0000, 0.4549, 0.0863
CMYK	1.00, 0.40, 0.00, 0.09
HSL	204°, 100%, 46%
HSV	204°, 100%, 91%
XYZ	23.9406, 24.3484, 80.5287
YIQ	108.1550, -113.0180, -0.2340

Conversions

Conversions Part 2

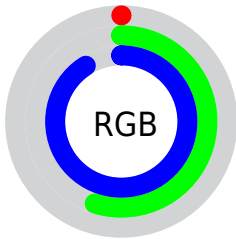
Format	Color
RYB	0, 87, 233
Decimal	35817
CIELab	56.43, 3.55, -55.98
CIElCh	56, 56.092, 273.627
Yxy	24.3484, 0.1858, 0.1890
Android (android.graphics.Color)	4278225897 (0xFF008BE9)
YUV	108.1550, 61.5486, -94.8519
Hunter-Lab	49.3441, 0.2517, -62.2193

Details

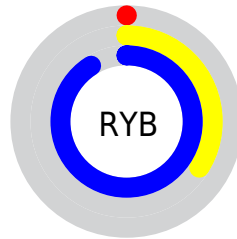
The Hex color **008BE9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E95E00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6AC0FF**, and **005AB1** is the 20% darker color. If you saturate the color by 10%, you get **008BE9**, and if you desaturate by 10%, it is **1794E9**.

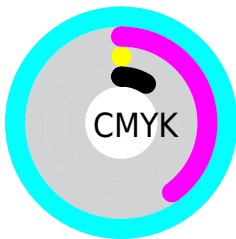
Distribution



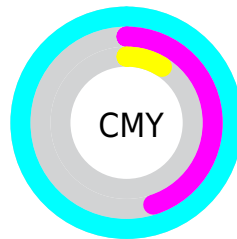
- Red (0%)
- Green (55%)
- Blue (91%)



- Red (0%)
- Yellow (34%)
- Blue (91%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BE9 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 008BE9 by changing the saturation by 10% instead.

 008BE9

 008BE9


FFFFFF

 0072CC

 6AC0FF

 005AB1

 8BDCFF

 004395

 ABF8FF

 002E7B

 CBFFFF

 001B62

 EAFFFF

 000949

 000432

 00011C

 000000

 008BE9

 1794E9

 2F9EE9

 46A7E9

 5DB1E9

 75BAE9

 8CC3E9

 A3CDE9

 BAD6E9

 D2E0E9

Harmonies

Analogous

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



0098DE



008BE9



9078D9

Triad

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



008BE9



DB6154



039B5A

Complementary

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



008BE9



E95E00

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.



69942F



008BE9



C2752D

Square

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



008BE9



DF5983



9B8719



009F8C

Rectangle

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



008BE9



B86AC2



9B8719



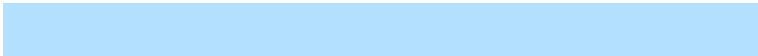
3A994A

Sweetspot

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



008BE9



B3E0FF



00E95D



526D80



000000



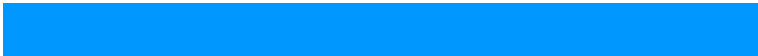
808080

Same Dimension

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



008BE9



0098FF



0017E9



6A7175



006CB5



002036

Inverse Universe

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



E9008B



FF0098



E9D200



756A71



B5006C



360020

Previews

White Background



This preview shows how the Hex color 008BE9 looks on a white background.

Color Contrast Check

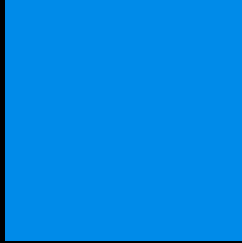
Large Text (above 18pt) WCAG AA ✓ Pass

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 008BE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

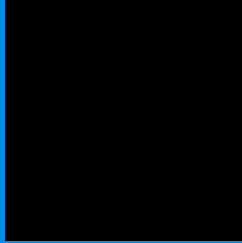
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

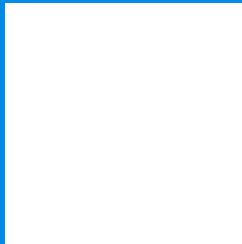
Any Text WCAG AAA × Fail

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

Hex 008BE9 Background



This preview shows how black text looks on a background with the Hex color 008BE9.

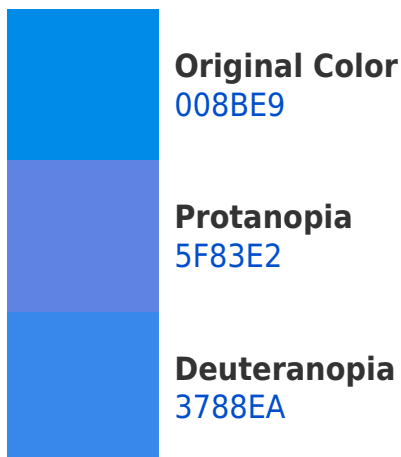


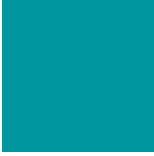
This preview shows how white text looks on a background with the Hex color 008BE9.

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



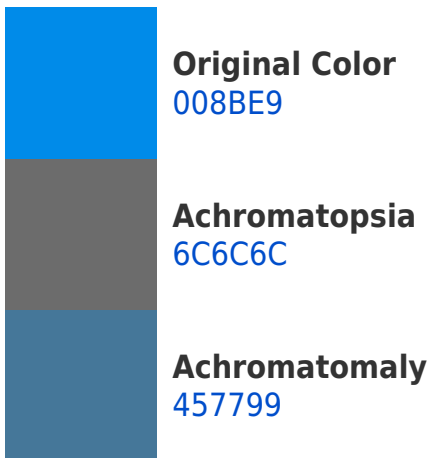


Tritanopia
0096A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008BE9 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 #008BE9 looks like.

```
.text, #text, p{  
    color:#008BE9  
}
```

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 #008BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BE9
}
```

Border

The CSS property to change the border of an element to Hex 008BE9 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
#008BE9 }
```

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

```
.border{ border-color:#008BE9 }
```

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

Here you see how a box with a 4 pixel #008BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BE9; -webkit-box-shadow:4px 4px  
4px 4px #008BE9; box-shadow:4px 4px 4px  
4px #008BE9 }
```

Background

The CSS property to change the background color of an element to Hex 008BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BE9 }
```

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

```
.background{ background-color:#008BE9 }
```

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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