

Converting Colors

Hex(008BD9)

Have a look what the booklet for
Hex(008BD9) contains.

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Color

Hex(008BD9)

Conversions

Conversions Part 1

Format	Color
Hex	008BD9
RGB	0, 139, 217
RGB Percent	0%, 55%, 85%
CMY	1.0000, 0.4549, 0.1490
CMYK	1.00, 0.36, 0.00, 0.15
HSL	202°, 100%, 43%
HSV	202°, 100%, 85%
XYZ	21.7570, 23.4750, 69.0301
YIQ	106.3310, -107.8820, -5.2100

Conversions

Conversions Part 2

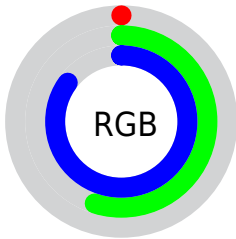
Format	Color
RYB	0, 85, 217
Decimal	35801
CIELab	55.56, -2.58, -48.44
CIELCh	56, 48.505, 266.951
Yxy	23.4750, 0.1904, 0.2054
Android (android.graphics.Color)	4278225881 (0xFF008BD9)
YUV	106.3310, 54.5598, -93.2523
Hunter-Lab	48.4510, -4.6335, -50.5571

Details

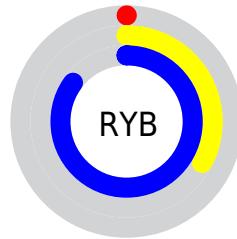
The Hex color **008BD9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D94E00**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **66C0FF**, and **005AA2** is the 20% darker color. If you saturate the color by 10%, you get **008BD9**, and if you desaturate by 10%, it is **1693D9**.

Distribution



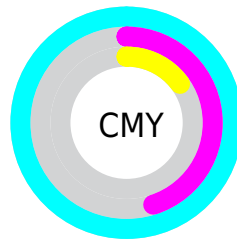
- Red (0%)
- Green (55%)
- Blue (85%)



- Red (0%)
- Yellow (33%)
- Blue (85%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BD9 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 008BD9 by changing the saturation by 10% instead.

008BD9

008BD9

FFFFFF

0072BD

66C0FF

005AA2

87DCFF

004387

A6F8FF

002D6D

C5FFFF

001A54

E4FFFF

00063D

000226

00010F

000000

 008BD9

 1693D9

 2B9BD9

 41A2D9

 57AAD9

 6DB2D9

 82BAD9

 98C2D9

 AEC9D9

 C3D1D9

Harmonies

Analogous

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



0095CB



008BD9



807CD0

Triad

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



008BD9



D16361



409655

Complementary

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



008BD9



D94E00

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.



778E35



008BD9



C0723F

Square

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



008BD9



CF608B



A0812C



00997F

Rectangle

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



008BD9



A670BF



A0812C



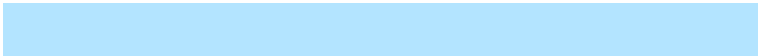
559449

Sweetspot

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



008BD9



B3E4FF



00D94C



526F80



000000



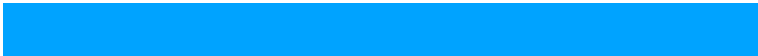
808080

Same Dimension

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



008BD9



00A3FF



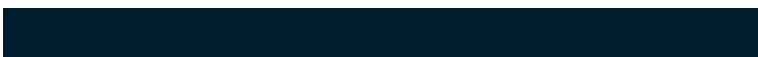
0021D9



636A6E



006FAD



001D2E

Inverse Universe

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



D9008B



FF00A3



D9B800



6E636A



AD006F



2E001D

Previews

White Background



This preview shows how the Hex color 008BD9 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 008BD9 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 008BD9 Background



This preview shows how black text looks on a background with the Hex color 008BD9.

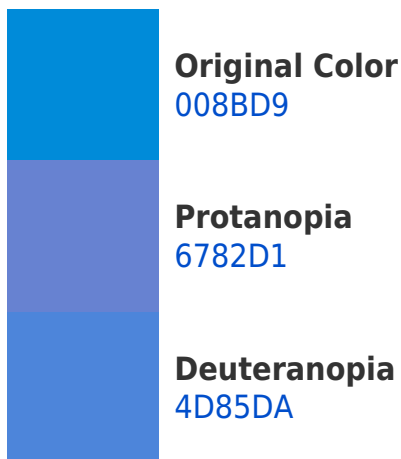


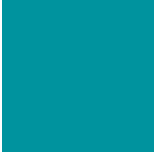
This preview shows how white text looks on a background with the Hex color 008BD9.

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
00939E

Trichromacy



Original Color
008BD9

Protanomaly
4285D4

Deuteranomaly
3187DA

Tritanomaly
0090B3

Monochromacy



Original Color
008BD9

Achromatopsia
6A6A6A

Achromatomaly
437692

CSS Examples

Text

The CSS property to change the color of the text to Hex 008BD9 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 #008BD9 looks like.

```
.text, #text, p{  
    color:#008BD9  
}
```

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 #008BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BD9
}
```

Border

The CSS property to change the border of an element to Hex 008BD9 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
#008BD9 }
```

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

```
.border{ border-color:#008BD9 }
```

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

Here you see how a box with a 4 pixel #008BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BD9; -webkit-box-shadow:4px 4px  
4px 4px #008BD9; box-shadow:4px 4px 4px  
4px #008BD9 }
```

Background

The CSS property to change the background color of an element to Hex 008BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BD9 }
```

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

```
.background{ background-color:#008BD9 }
```

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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