

Converting Colors

Hex(008BD7)

Have a look what the booklet for
Hex(008BD7) contains.

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Color

Hex(008BD7)

Conversions

Conversions Part 1

Format	Color
Hex	008BD7
RGB	0, 139, 215
RGB Percent	0%, 55%, 84%
CMY	1.0000, 0.4549, 0.1569
CMYK	1.00, 0.35, 0.00, 0.16
HSL	201°, 100%, 42%
HSV	201°, 100%, 84%
XYZ	21.4984, 23.3715, 67.6681
YIQ	106.1030, -107.2400, -5.8320

Conversions

Conversions Part 2

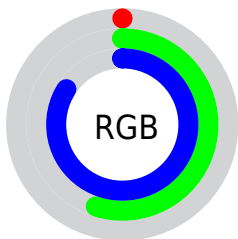
Format	Color
RYB	0, 84, 215
Decimal	35799
CIELab	55.45, -3.34, -47.48
CIELCh	55, 47.598, 265.972
Yxy	23.3715, 0.1910, 0.2077
Android (android.graphics.Color)	4278225879 (0xFF008BD7)
YUV	106.1030, 53.6862, -93.0523
Hunter-Lab	48.3441, -5.2242, -49.1483

Details

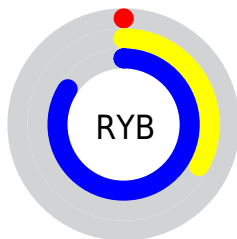
The Hex color **008BD7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D74C00**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **66C0FF**, and **005AA0** is the 20% darker color. If you saturate the color by 10%, you get **008BD7**, and if you desaturate by 10%, it is **1593D7**.

Distribution



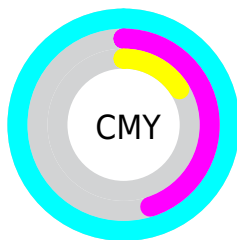
- Red (0%)
- Green (55%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BD7 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 008BD7 by changing the saturation by 10% instead.

 008BD7

 008BD7

FFFFFF

 0072BB

 66C0FF

 005AA0

 86DCFF

 004385

 A5F8FF

 002D6B

 C4FFFF

 001953

 E3FFFF

 00063B

 000224

 00000C

 000000

 008BD7

 1593D7

 2B9AD7

 41A2D7

 56A9D7

 6CB1D7

 81B9D7

 97C0D7

 ACC8D7

 C2CFD7

Harmonies

Analogous

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



0095C8



008BD7



7D7CCF

Triad

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



008BD7



D06463



439555

Complementary

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



008BD7



D74C00

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.



788D36



008BD7



C07141

Square

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



008BD7



CD618C



A1812E



00997E

Rectangle

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



008BD7



A471BF



A1812E



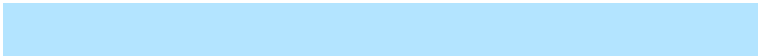
589349

Sweetspot

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



008BD7



B3E4FF



00D74B



526F80



000000



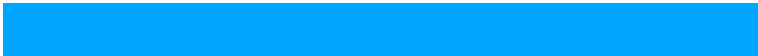
808080

Same Dimension

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



008BD7



00A5FF



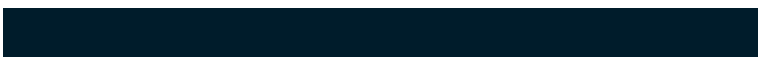
0020D7



60676B



006EAB



001C2B

Inverse Universe

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



D7008B



FF00A5



D7B700



6B6067



AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 008BD7 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 008BD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

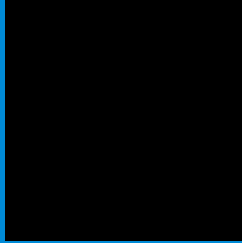
Any Text WCAG AA ✓ Pass

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 008BD7 Background



This preview shows how black text looks on a background with the Hex color 008BD7.

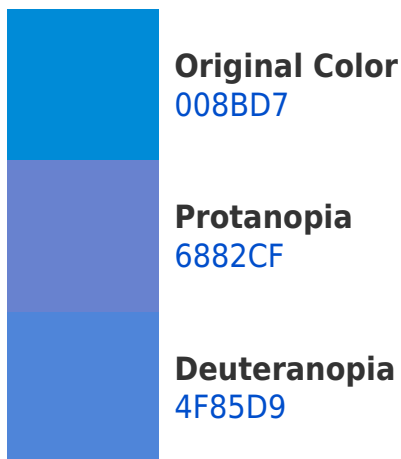


This preview shows how white text looks on a background with the Hex color 008BD7.

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](#).

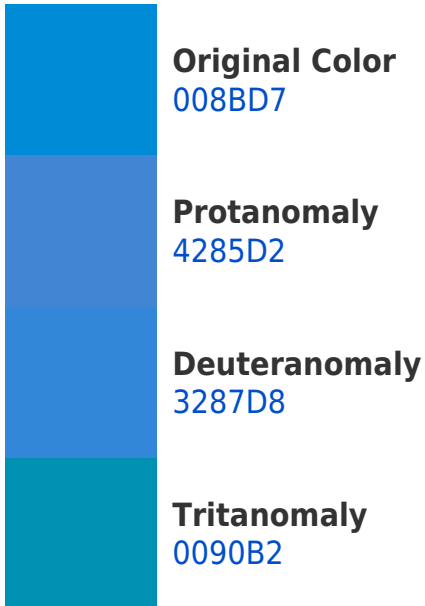
Dichromacy



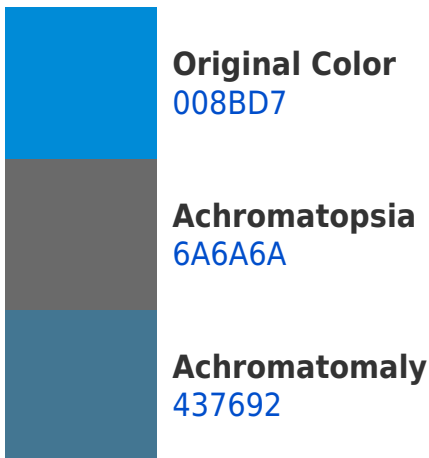


Tritanopia
00939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008BD7 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 #008BD7 looks like.

```
.text, #text, p{  
    color:#008BD7  
}
```

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 #008BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BD7
}
```

Border

The CSS property to change the border of an element to Hex 008BD7 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
#008BD7 }
```

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

```
.border{ border-color:#008BD7 }
```

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

Here you see how a box with a 4 pixel #008BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BD7; -webkit-box-shadow:4px 4px  
4px 4px #008BD7; box-shadow:4px 4px 4px  
4px #008BD7 }
```

Background

The CSS property to change the background color of an element to Hex 008BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BD7 }
```

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

```
.background{ background-color:#008BD7 }
```

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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