

# Converting Colors

Hex(008BD1)

Have a look what the booklet for  
Hex(008BD1) contains.

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# Color

**Hex(008BD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008BD1
RGB	0, 139, 209
RGB Percent	0%, 55%, 82%
CMY	1.0000, 0.4549, 0.1804
CMYK	1.00, 0.33, 0.00, 0.18
HSL	200°, 100%, 41%
HSV	200°, 100%, 82%
XYZ	20.7412, 23.0687, 63.6811
YIQ	105.4190, -105.3140, -7.6980

# Conversions

## Conversions Part 2

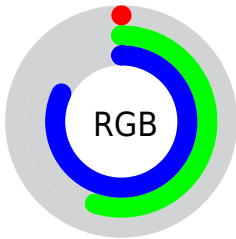
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 83, 209
Decimal	35793
CIE <sub>Lab</sub>	55.14, -5.63, -44.60
CIE <sub>LCh</sub>	55, 44.949, 262.809
Yxy	23.0687, 0.1930, 0.2146
Android (android.graphics.Color)	4278225873 (0xFF008BD1)
YUV	105.4190, 51.0654, -92.4525
Hunter-Lab	48.0299, -6.9688, -44.9896

# Details

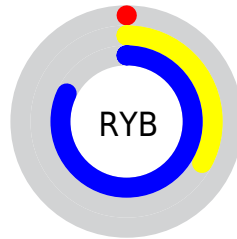
The Hex color **008BD1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D14600**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **64C0FF**, and **00599A** is the 20% darker color. If you saturate the color by 10%, you get **008BD1**, and if you desaturate by 10%, it is **1592D1**.

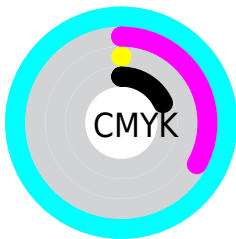
# Distribution



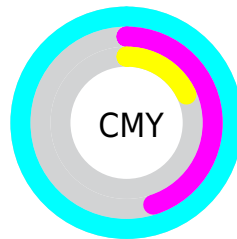
- Red (0%)
- Green (55%)
- Blue (82%)



- Red (0%)
- Yellow (33%)
- Blue (82%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008BD1 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 008BD1 by changing the saturation by 10% instead.



 008BD1

 008BD1

FFFFFF

 0072B5

 64C0FF

 00599A

 84DCFF

 004280

 A3F8FF

 002D66

 C2FFFF

 00194E

 E1FFFF

 000536

 000220

 000004

 000000

 008BD1

 1592D1

 2A99D1

 3FA0D1

 54A7D1

 69AED1

 7DB5D1

 92BCD1

 A7C3D1

 BCCAD1

# Harmonies

## Analogous

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



0094C1



008BD1



777ECC

# Triad

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



008BD1



CC6468



4E9353

# Complementary

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



008BD1



D14600

# 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.



7D8B39



008BD1



BE7047

# Square

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



008BD1



C7638F



A27F34



009779

# Rectangle

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



008BD1



9C73BD



A27F34



5F9148

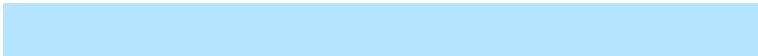


# Sweetspot

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



008BD1



B3E5FF



00D146



527080



000000



808080

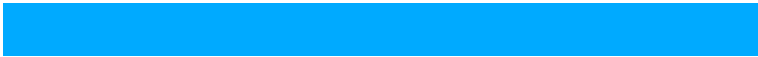


# Same Dimension

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



008BD1



00AAFF



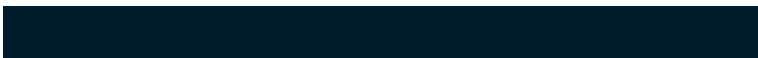
0023D1



5E6569



0070A8



001B29



# Inverse Universe

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



D1008B



FF00AA



D1AE00



695E65



A80070



29001B



# Previews

## White Background



This preview shows how the Hex color 008BD1 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 008BD1 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 008BD1 Background



This preview shows how black text looks on a background with the Hex color 008BD1.

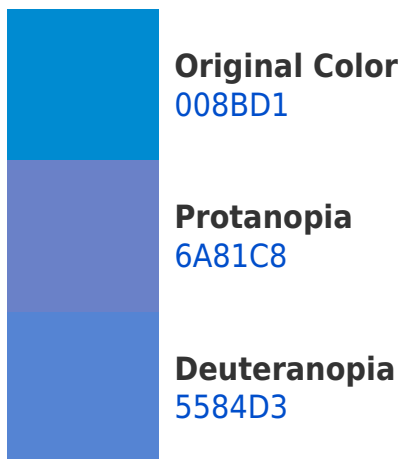


This preview shows how white text looks on a background with the Hex color 008BD1.

# 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](#).

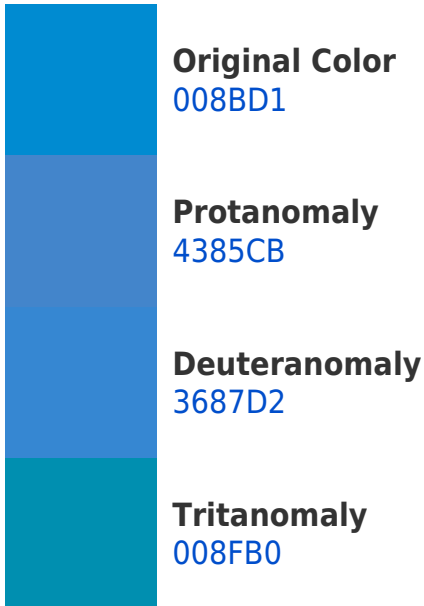
## Dichromacy



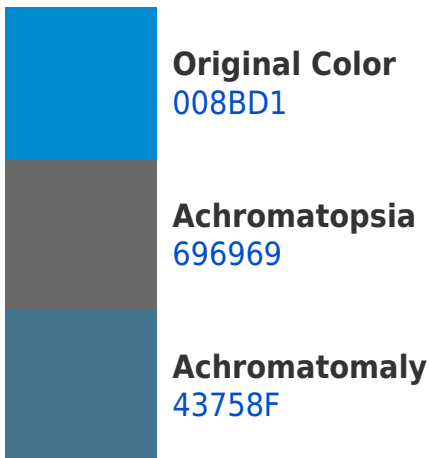


**Tritanopia**  
00929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008BD1 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 #008BD1 looks like.

```
.text, #text, p{  
    color:#008BD1  
}
```

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 #008BD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BD1
}
```

## Border

The CSS property to change the border of an element to Hex 008BD1 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
#008BD1 }
```

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

```
.border{ border-color:#008BD1 }
```

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

Here you see how a box with a 4 pixel #008BD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BD1; -webkit-box-shadow:4px 4px  
4px 4px #008BD1; box-shadow:4px 4px 4px  
4px #008BD1 }
```

# Background

The CSS property to change the background color of an element to Hex 008BD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BD1 }
```

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

```
.background{ background-color:#008BD1 }
```

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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