

# Converting Colors

Hex(008DB1)

Have a look what the booklet for  
Hex(008DB1) contains.

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# Color

**Hex(008DB1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 008DB1                       |
| RGB           | 0, 141, 177                  |
| RGB Percent   | 0%, 55%, 69%                 |
| CMY           | 1.0000, 0.4471, 0.3059       |
| CMYK          | 1.00, 0.20, 0.00, 0.31       |
| HSL           | 192°, 100%, 35%              |
| HSV           | 192°, 100%, 69%              |
| XYZ           | 17.4607, 22.2241, 44.9644    |
| YIQ           | 102.9450, -95.5920, -18.6960 |

# Conversions

## Conversions Part 2

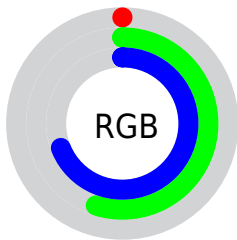
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 78, 177                     |
| Decimal                             | 36273                          |
| CIELab                              | 54.26, -18.63, -27.79          |
| CIELCh                              | 54, 33.456, 236.168            |
| Yxy                                 | 22.2241, 0.2063,<br>0.2625     |
| Android<br>(android.graphics.Color) | 4278226353<br>(0xFF008DB1)     |
| YUV                                 | 102.9450, 36.5091,<br>-90.2828 |
| Hunter-Lab                          | 47.1424, -16.3861,<br>-23.5510 |

# Details

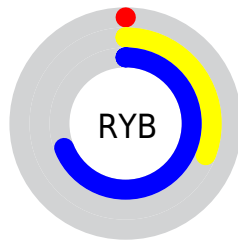
The Hex color **008DB1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B12400**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5DC3E9**, and **005B7C** is the 20% darker color. If you saturate the color by 10%, you get **008DB1**, and if you desaturate by 10%, it is **1291B1**.

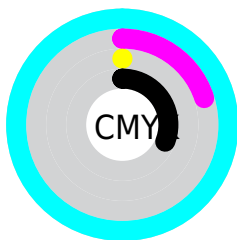
# Distribution



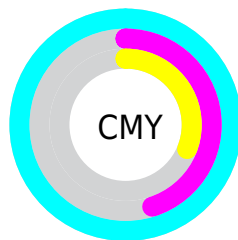
- Red (0%)
- Green (55%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (45%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008DB1 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 008DB1 by changing the saturation by 10% instead.



 008DB1

 008DB1

FFFFFF

 007396

 5DC3E9

 005B7C

 7CDFFF

 004363

 9AFBFF

 002D4B

 B8FFFF

 001A34

 D6FFFF

 00021F

 F5FFFF

 000002

 000000

 008DB1

■ 1291B1

■ 2394B1

■ 3598B1

■ 479BB1

■ 599FB1

■ 6AA3B1

■ 7CA6B1

■ 8EAAB1

■ 9FADB1

# Harmonies

## Analogous

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



00919A



008DB1



4F86BB

# Triad

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



008DB1



B66B87



7A884D

# Complementary

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



008DB1



B12400

# 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.



987F48



008DB1



B96D6A

# Square

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



008DB1



A371A2



AE7553



588E61

# Rectangle

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



008DB1



717FB9



AE7553



858549



# Sweetspot

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



008DB1



A1D7E6



00B123



496A73



F2F2F2



737373



# Same Dimension

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



008DB1



00B7E6



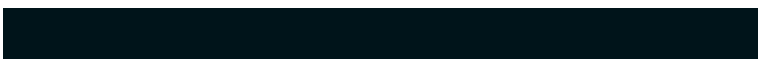
0035B1



505759



007A99



00141A



# Inverse Universe

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



B1008D



E600B7



B17C00



595057



99007A



1A0014



# Previews

## White Background



This preview shows how the Hex color 008DB1 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 008DB1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

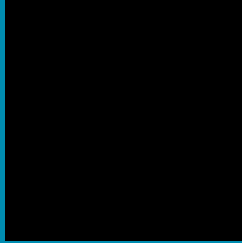
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008DB1 Background



This preview shows how black text looks on a background with the Hex color 008DB1.

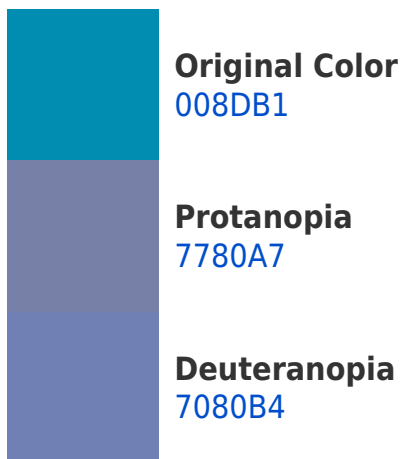


This preview shows how white text looks on a background with the Hex color 008DB1.

# 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**  
00909B

# Trichromacy



**Original Color**  
008DB1



**Protanomaly**  
4C85AB



**Deuteranomaly**  
4785B3



**Tritanomaly**  
008FA3

# Monochromacy



**Original Color**  
008DB1



**Achromatopsia**  
676767



**Achromatomaly**  
427582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008DB1 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 #008DB1 looks like.

```
.text, #text, p{  
    color:#008DB1  
}
```

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 #008DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008DB1
}
```

## Border

The CSS property to change the border of an element to Hex 008DB1 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
#008DB1 }
```

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

```
.border{ border-color:#008DB1 }
```

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

Here you see how a box with a 4 pixel #008DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008DB1; -webkit-box-shadow:4px 4px  
4px 4px #008DB1; box-shadow:4px 4px 4px  
4px #008DB1 }
```

# Background

The CSS property to change the background color of an element to Hex 008DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008DB1 }
```

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

```
.background{ background-color:#008DB1 }
```

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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