

# Converting Colors

Hex(3DB1C8)

Have a look what the booklet for  
Hex(3DB1C8) contains.

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# **Color**

**Hex(3DB1C8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3DB1C8                       |
| RGB         | 61, 177, 200                 |
| RGB Percent | 24%, 69%, 78%                |
| CMY         | 0.7608, 0.3059, 0.2157       |
| CMYK        | 0.69, 0.12, 0.00, 0.22       |
| HSL         | 190°, 56%, 51%               |
| HSV         | 190°, 70%, 78%               |
| XYZ         | 28.0719, 36.6065, 60.2298    |
| YIQ         | 144.9380, -76.5190, -17.4390 |

# Conversions

## Conversions Part 2

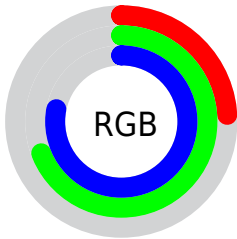
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 61, 124, 200                   |
| Decimal                             | 4043208                        |
| CIELab                              | 66.98, -24.70, -21.11          |
| CIELCh                              | 67, 32.489, 220.517            |
| Yxy                                 | 36.6065, 0.2247,<br>0.2931     |
| Android<br>(android.graphics.Color) | 4282233288<br>(0xFF3DB1C8)     |
| YUV                                 | 144.9380, 27.1456,<br>-73.6136 |
| Hunter-Lab                          | 60.5033, -23.0615,<br>-16.6696 |

# Details

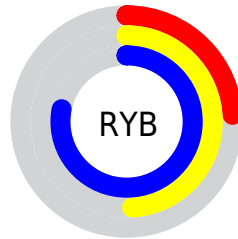
The Hex color **3DB1C8** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C8543D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7EE9FF**, and **007C92** is the 20% darker color. If you saturate the color by 10%, you get **29AEC8**, and if you desaturate by 10%, it is **51B4C8**.

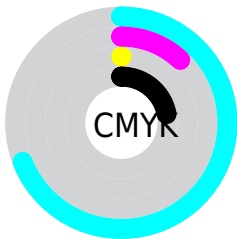
# Distribution



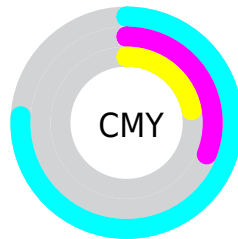
- Red (24%)
- Green (69%)
- Blue (78%)



- Red (24%)
- Yellow (49%)
- Blue (78%)



- Cyan (69%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (76%)
- Magenta (31%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DB1C8 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 3DB1C8 by changing the saturation by 10% instead.





3DB1C8



3DB1C8

FFFFFF



0796AD



7EE9FF



007C92



9CFFFF



006378



BAE9FF



004B5F



D8FFFF



003448



F6FFFF



002031



00021C



000000



3DB1C8



3DB1C8

■ 29AEC8

■ 51B4C8

■ 15AAC8

■ 65B8C8

■ 01A7C8

■ 79BBC8

■ 00A7C8

■ 8DBEC8

■ A1C2C8

■ B5C5C8

■ C9C8C8

■ DDCBC8

■ F1CFC8

# Harmonies

## Analogous

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



48B3AD



3DB1C8



5DABD9

# Triad

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



3DB1C8



D08FB7



ADA569

# Complementary

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



3DB1C8



C8543D

# 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.



C79B6C



3DB1C8



DD8D9A

# Square

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



3DB1C8



B498D0



D9917E



8CAC76

# Rectangle

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



3DB1C8



7CA6DD



D9917E



B6A168

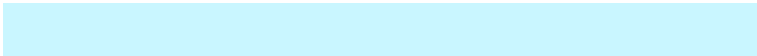


# Sweetspot

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



3DB1C8



C9F6FF



3DC852



607A80



000000



808080

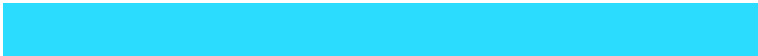


# Same Dimension

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



3DB1C8



2BDCFF



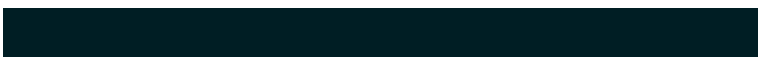
3D6EC8



5A6263



0088A3



001E24



# Inverse Universe

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



C83DB1



FF2BDC



C8973D



635A62



A30088



24001E



# Previews

## White Background



This preview shows how the Hex color 3DB1C8 looks on a white background.

## Color Contrast Check

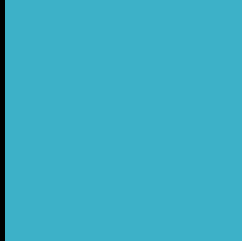
Large Text (above 18pt) WCAG AA × Fail

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 3DB1C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

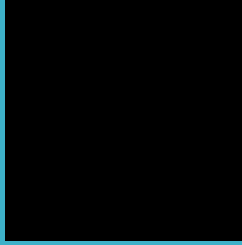
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DB1C8 Background



This preview shows how black text looks on a background with the Hex color 3DB1C8.

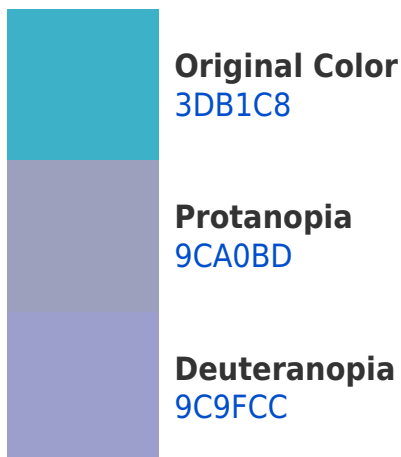


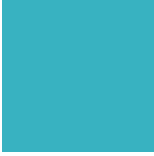
This preview shows how white text looks on a background with the Hex color 3DB1C8.

# 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](#).

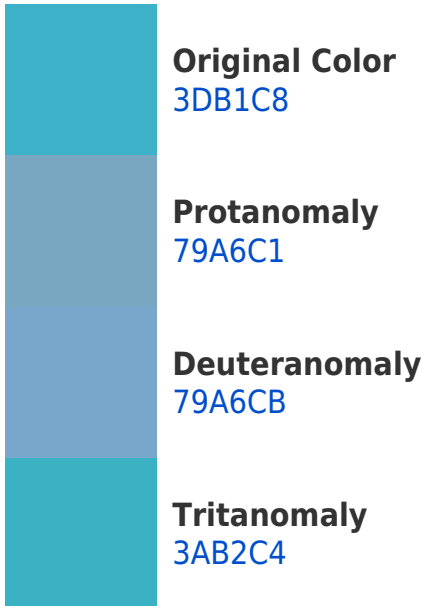
## Dichromacy



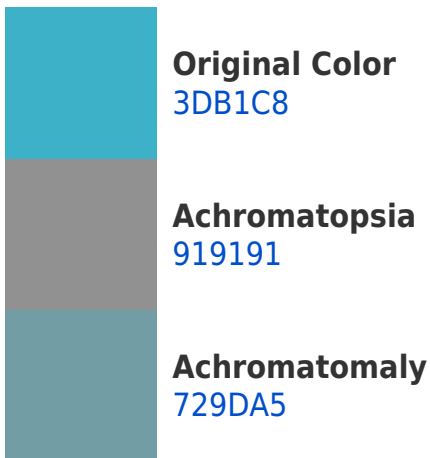


**Tritanopia**  
38B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DB1C8 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 #3DB1C8 looks like.

```
.text, #text, p{  
    color:#3DB1C8  
}
```

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 #3DB1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB1C8
}
```

## Border

The CSS property to change the border of an element to Hex 3DB1C8 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
#3DB1C8 }
```

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

```
.border{ border-color:#3DB1C8 }
```

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

Here you see how a box with a 4 pixel #3DB1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB1C8; -webkit-box-shadow:4px 4px  
4px 4px #3DB1C8; box-shadow:4px 4px 4px  
4px #3DB1C8 }
```

# Background

The CSS property to change the background color of an element to Hex 3DB1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB1C8 }
```

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

```
.background{ background-color:#3DB1C8 }
```

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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