

# Converting Colors

Hex(3DB6BD)

Have a look what the booklet for  
Hex(3DB6BD) contains.

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# Color

**Hex(3DB6BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DB6BD
RGB	61, 182, 189
RGB Percent	24%, 71%, 74%
CMY	0.7608, 0.2863, 0.2588
CMYK	0.68, 0.04, 0.00, 0.26
HSL	183°, 51%, 49%
HSV	183°, 68%, 74%
XYZ	27.8377, 38.1221, 54.0352
YIQ	146.6190, -74.3630, -23.4750

# Conversions

## Conversions Part 2

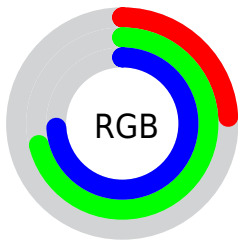
Format	Color
<a href="#">RYB</a>	<a href="#">61, 123, 189</a>
Decimal	<a href="#">4044477</a>
CIELab	<a href="#">68.11, -30.50, -13.33</a>
CIELCh	<a href="#">68, 33.281, 203.604</a>
Yxy	<a href="#">38.1221, 0.2320, 0.3177</a>
Android (android.graphics.Color)	<a href="#">4282234557 (0xFF3DB6BD)</a>
YUV	<a href="#">146.6190, 20.8938, -75.0879</a>
Hunter-Lab	<a href="#">61.7431, -27.5713, -8.6682</a>

# Details

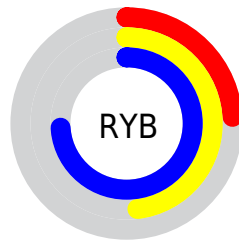
The Hex color **3DB6BD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD443D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7DEEF5**, and **008188** is the 20% darker color. If you saturate the color by 10%, you get **2AB5BD**, and if you desaturate by 10%, it is **50B7BD**.

# Distribution



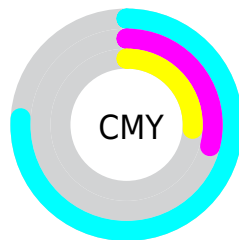
- Red (24%)
- Green (71%)
- Blue (74%)



- Red (24%)
- Yellow (48%)
- Blue (74%)



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (76%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DB6BD 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 3DB6BD by changing the saturation by 10% instead.



 3DB6BD

 3DB6BD

FFFFFF

 0A9BA2

 7DEEF5

 008188

 9BFFFF

 00676E

 B9FFFF

 004F56

 D7FFFF

 00373F

 F5FFFF

 002329

 000115

 000000

 3DB6BD

 3DB6BD

■ 2AB5BD

■ 50B7BD

■ 17B4BD

■ 63B8BD

■ 04B3BD

■ 76B9BD

■ 00B3BD

■ 89BABD

■ 9CBBD

■ AEBCBD

■ C1BDBD

■ D4BEBD

■ E7BFBD

# Harmonies

## Analogous

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



5BB69E



3DB6BD



47B2D5

# Triad

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



3DB6BD



C696CA



C0A26A

# Complementary

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



3DB6BD



BD443D

# 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.



D79877



3DB6BD



DC90AE

# Square

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



3DB6BD



A1A1DD



E1908F



A2AB6E

# Rectangle

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



3DB6BD



62AEDF



E1908F



C99E6D



# Sweetspot

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



3DB6BD



C4F2F5



3DBD43



5D797A



FAFAFA



7A7A7A



# Same Dimension

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



3DB6BD



2FEAF5



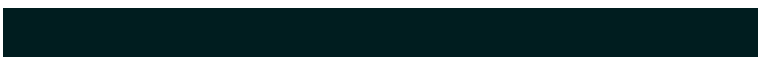
3D77BD



555E5E



00959E



001D1F



# Inverse Universe

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



BD3DB6



F52FEA



BD833D



5E555E



9E0095

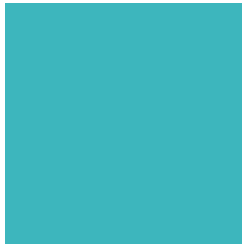


1F001D



# Previews

## White Background



This preview shows how the Hex color 3DB6BD looks on a white background.

## Color Contrast Check

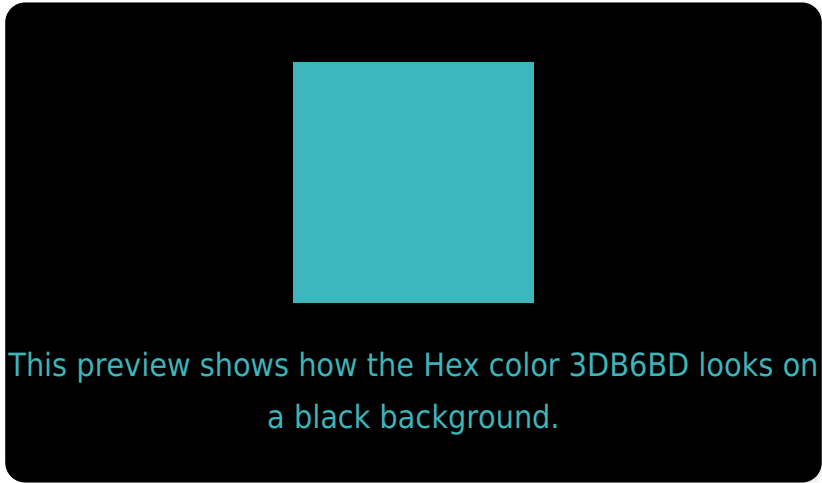
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

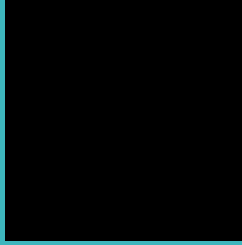
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

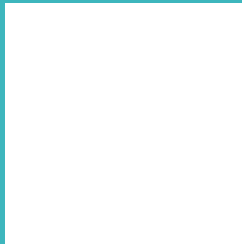
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DB6BD Background



This preview shows how black text looks on a background with the Hex color 3DB6BD.

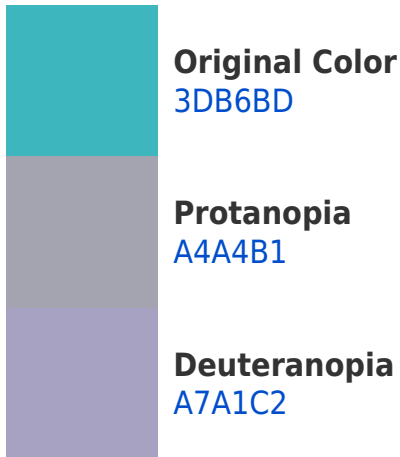


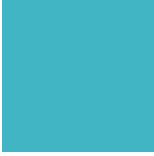
This preview shows how white text looks on a background with the Hex color 3DB6BD.

# 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**  
41B5C4

# Trichromacy



**Original Color**  
3DB6BD



**Protanomaly**  
7FABB5



**Deuteranomaly**  
80A9C0



**Tritanomaly**  
40B5C1

# Monochromacy



**Original Color**  
3DB6BD



**Achromatopsia**  
939393



**Achromatomaly**  
74A0A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DB6BD 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 #3DB6BD looks like.

```
.text, #text, p{  
    color:#3DB6BD  
}
```

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 #3DB6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB6BD
}
```

## Border

The CSS property to change the border of an element to Hex 3DB6BD 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
#3DB6BD }
```

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

```
.border{ border-color:#3DB6BD }
```

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

Here you see how a box with a 4 pixel #3DB6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB6BD; -webkit-box-shadow:4px 4px  
4px 4px #3DB6BD; box-shadow:4px 4px 4px  
4px #3DB6BD }
```

# Background

The CSS property to change the background color of an element to Hex 3DB6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB6BD }
```

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

```
.background{ background-color:#3DB6BD }
```

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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