

# Converting Colors

Hex(3DB7BA)

Have a look what the booklet for  
Hex(3DB7BA) contains.

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**Color**

**Hex(3DB7BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DB7BA
RGB	61, 183, 186
RGB Percent	24%, 72%, 73%
CMY	0.7608, 0.2824, 0.2706
CMYK	0.67, 0.02, 0.00, 0.27
HSL	181°, 51%, 48%
HSV	181°, 67%, 73%
XYZ	27.7209, 38.4042, 52.4061
YIQ	146.8640, -73.6750, -24.9310

# Conversions

## Conversions Part 2

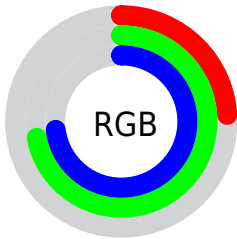
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 123, 186
Decimal	4044730
CIELab	68.32, -31.85, -11.36
CIELCh	68, 33.820, 199.630
Yxy	38.4042, 0.2339, 0.3240
Android (android.graphics.Color)	4282234810 (0xFF3DB7BA)
YUV	146.8640, 19.2940, -75.3027
Hunter-Lab	61.9712, -28.6031, -6.7590

# Details

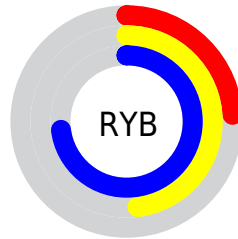
The Hex color **3DB7BA** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA403D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DEFF2**, and **008185** is the 20% darker color. If you saturate the color by 10%, you get **2AB7BA**, and if you desaturate by 10%, it is **50B7BA**.

# Distribution



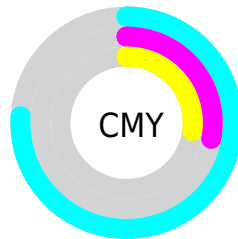
- Red (24%)
- Green (72%)
- Blue (73%)



- Red (24%)
- Yellow (48%)
- Blue (73%)



- Cyan (67%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DB7BA 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 3DB7BA by changing the saturation by 10% instead.



 3DB7BA

 3DB7BA

FFFFFF

 0A9C9F

 7DEFF2

 008185

 9BFFFF

 00686C

 B8FFFF

 004F54

 D6FFFF

 00383C

 F5FFFF

 002327

 000112

 000000

 3DB7BA

 3DB7BA

2AB7BA

50B7BA

18B6BA

62B8BA

05B6BA

75B8BA

00B6BA

87B9BA

9AB9BA

ADBABA

BFBABA

D2BBBA

E4BBBA

# Harmonies

## Analogous

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



5EB69B



3DB7BA



40B4D4

# Triad

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



3DB7BA



C398CE



C5A16B

# Complementary

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



3DB7BA



BA403D

# 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.



DA9779



3DB7BA



DC90B2

# Square

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



3DB7BA



9BA3E0



E39094



A7AB6C

# Rectangle

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



3DB7BA



5BAFDF



E39094



CD9D6E



# Sweetspot

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



3DB7BA



C2F1F2



3DBA3F



5D7A7A



FAFAFA



7A7A7A



# Same Dimension

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



3DB7BA



2EEEF2



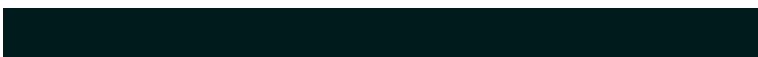
3D79BA



535C5C



00989C



001B1C



# Inverse Universe

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



BA3DB7



F22EEE



BA7E3D



5C535C



9C0098



1C001B



# Previews

## White Background



This preview shows how the Hex color 3DB7BA looks on a white background.

## Color Contrast Check

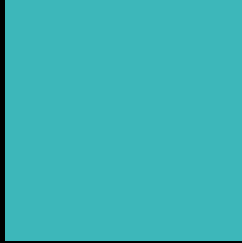
Large Text (above 18pt) WCAG AA × Fail

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 3DB7BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

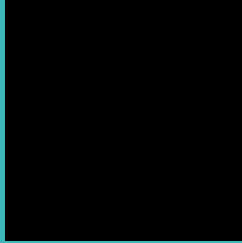
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

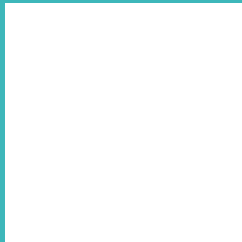
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DB7BA Background



This preview shows how black text looks on a background with the Hex color 3DB7BA.

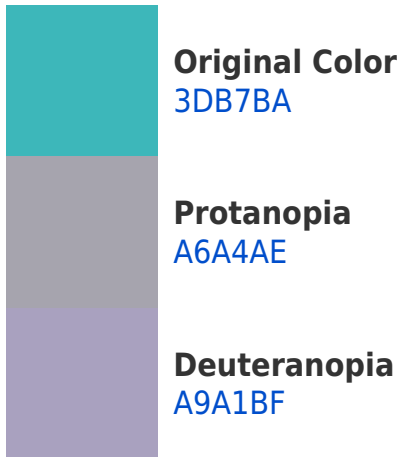


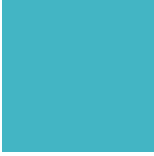
This preview shows how white text looks on a background with the Hex color 3DB7BA.

# 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**  
43B5C4

# Trichromacy



**Original Color**  
3DB7BA



**Protanomaly**  
80ABB2



**Deuteranomaly**  
82A9BD



**Tritanomaly**  
41B6C0

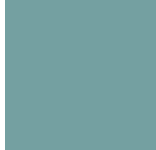
# Monochromacy



**Original Color**  
3DB7BA



**Achromatopsia**  
939393



**Achromatomaly**  
74A0A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DB7BA 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 #3DB7BA looks like.

```
.text, #text, p{  
    color:#3DB7BA  
}
```

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 #3DB7BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB7BA
}
```

## Border

The CSS property to change the border of an element to Hex 3DB7BA 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
#3DB7BA }
```

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

```
.border{ border-color:#3DB7BA }
```

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

Here you see how a box with a 4 pixel #3DB7BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB7BA; -webkit-box-shadow:4px 4px  
4px 4px #3DB7BA; box-shadow:4px 4px 4px  
4px #3DB7BA }
```

# Background

The CSS property to change the background color of an element to Hex 3DB7BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB7BA }
```

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

```
.background{ background-color:#3DB7BA }
```

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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