

Converting Colors

Hex(3DB1A0)

Have a look what the booklet for
Hex(3DB1A0) contains.

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Color

Hex(3DB1A0)

Conversions

Conversions Part 1

Format	Color
Hex	3DB1A0
RGB	61, 177, 160
RGB Percent	24%, 69%, 63%
CMY	0.7608, 0.3059, 0.3725
CMYK	0.66, 0.00, 0.10, 0.31
HSL	171°, 49%, 47%
HSV	171°, 66%, 69%
XYZ	23.9918, 34.9744, 38.7440
YIQ	140.3780, -63.6790, -29.8790

Conversions

Conversions Part 2

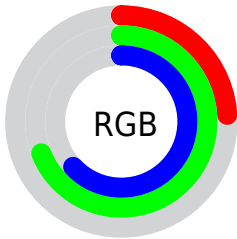
Format	Color
RYB	61, 124, 177
Decimal	4043168
CIELab	65.73, -36.29, -0.81
CIELCh	66, 36.295, 181.283
Yxy	34.9744, 0.2455, 0.3579
Android (android.graphics.Color)	4282233248 (0xFF3DB1A0)
YUV	140.3780, 9.6736, -69.6145
Hunter-Lab	59.1392, -31.0792, 2.5547

Details

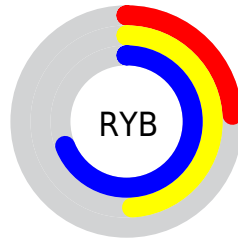
The Hex color **3DB1A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B13D4E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7AE9D7**, and **007C6D** is the 20% darker color. If you saturate the color by 10%, you get **2BB19D**, and if you desaturate by 10%, it is **4FB1A3**.

Distribution



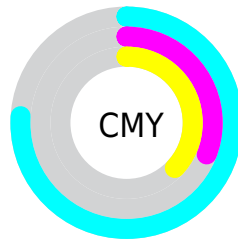
- Red (24%)
- Green (69%)
- Blue (63%)



- Red (24%)
- Yellow (49%)
- Blue (69%)



- Cyan (66%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (76%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB1A0 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 3DB1A0 by changing the saturation by 10% instead.

 3DB1A0

 3DB1A0

FFFFFF

 139686

 7AE9D7

 007C6D

 97FFF3

 006254

 B5FFFF

 004A3D

 D2FFFF

 003228

 F0FFFF

 001D13

 000000

 3DB1A0

 3DB1A0

 2BB19D

 4FB1A3

■ 1AB19B

■ 60B1A5

■ 08B198

■ 72B1A8

■ 00B197

■ 84B1AA

■ 96B1AD

■ A7B1B0

■ B9B1B2

■ CBB1B5

■ DCB1B7

Harmonies

Analogous

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



6AAE7F



3DB1A0



09B0C0

Triad

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



3DB1A0



A597D7



CE9367

Complementary

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



3DB1A0



B13D4E

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.



DD8980



3DB1A0



CA8CBF

Square

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



3DB1A0



72A2E0



DD869F



B49E5E

Rectangle

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



3DB1A0



21ADD2



DD869F



D58F6E

Sweetspot

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



3DB1A0



B8E6DF



4EB13D



57736F



F2F2F2



737373

Same Dimension

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



3DB1A0



30E6CB



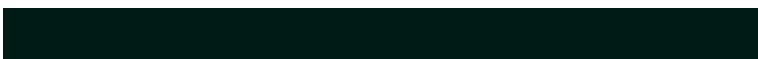
3D88B1



505958



009983



001A16

Inverse Universe

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



B13D4E



E6304B



B1663D



595052



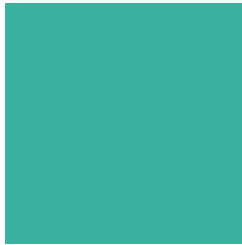
990016



1A0004

Previews

White Background



This preview shows how the Hex color 3DB1A0 looks on a white background.

Color Contrast Check

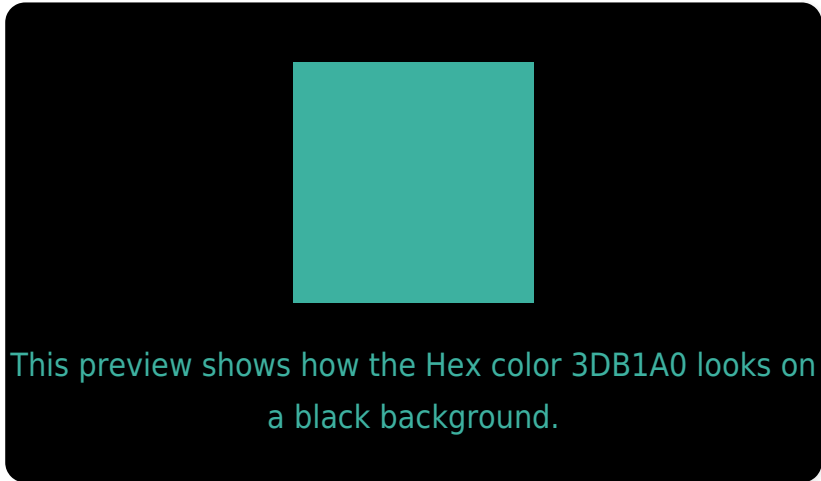
Large Text (above 18pt) WCAG AA × Fail

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

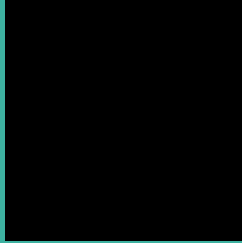
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

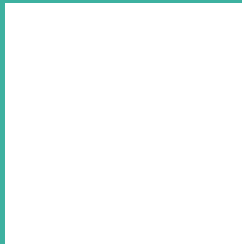
Any Text WCAG AAA ✓ Pass

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

Hex 3DB1A0 Background



This preview shows how black text looks on a background with the Hex color 3DB1A0.

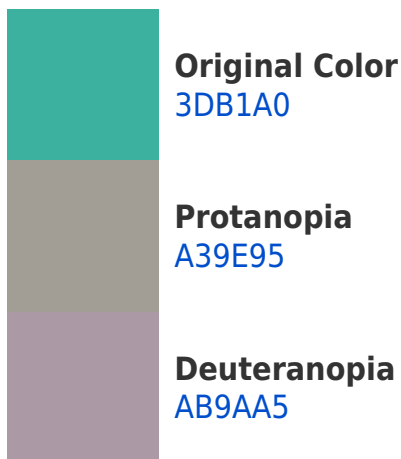


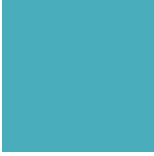
This preview shows how white text looks on a background with the Hex color 3DB1A0.

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
49ADBB

Trichromacy



Original Color
3DB1A0



Protanomaly
7EA599



Deuteranomaly
83A2A3



Tritanomaly
45AEB1

Monochromacy



Original Color
3DB1A0



Achromatopsia
8C8C8C



Achromatomaly
6F9993

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB1A0 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 #3DB1A0 looks like.

```
.text, #text, p{  
    color:#3DB1A0  
}
```

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 #3DB1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB1A0
}
```

Border

The CSS property to change the border of an element to Hex 3DB1A0 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
#3DB1A0 }
```

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

```
.border{ border-color:#3DB1A0 }
```

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

Here you see how a box with a 4 pixel #3DB1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB1A0; -webkit-box-shadow:4px 4px  
4px 4px #3DB1A0; box-shadow:4px 4px 4px  
4px #3DB1A0 }
```

Background

The CSS property to change the background color of an element to Hex 3DB1A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB1A0 }
```

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

```
.background{ background-color:#3DB1A0 }
```

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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