

# Converting Colors

Hex(2DB9A3)

Have a look what the booklet for  
Hex(2DB9A3) contains.

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**Color**

**Hex(2DB9A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DB9A3
RGB	45, 185, 163
RGB Percent	18%, 73%, 64%
CMY	0.8235, 0.2745, 0.3608
CMYK	0.76, 0.00, 0.12, 0.27
HSL	171°, 61%, 45%
HSV	171°, 76%, 73%
XYZ	25.0420, 37.9002, 40.6459
YIQ	140.6320, -76.3780, -36.5220

# Conversions

## Conversions Part 2

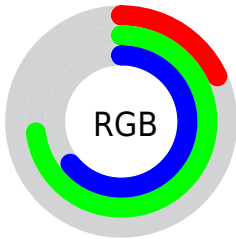
Format	Color
<a href="#">RYB</a>	<a href="#">45, 121, 185</a>
Decimal	<a href="#">2996643</a>
CIELab	<a href="#">67.95, -41.30, 0.73</a>
CIElCh	<a href="#">68, 41.308, 178.988</a>
Yxy	<a href="#">37.9002, 0.2417, 0.3659</a>
Android (android.graphics.Color)	<a href="#">4281186723</a> ( <a href="#">0xFF2DB9A3</a> )
YUV	<a href="#">140.6320, 11.0274, -83.8693</a>
Hunter-Lab	<a href="#">61.5631, -35.1270, 3.9490</a>

# Details

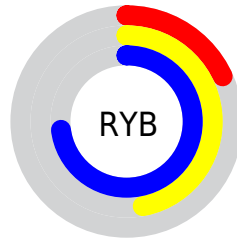
The Hex color **2DB9A3** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B92D43**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **71F2DA**, and **00836F** is the 20% darker color. If you saturate the color by 10%, you get **1BB9A0**, and if you desaturate by 10%, it is **40B9A6**.

# Distribution



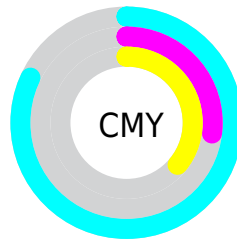
- Red (18%)
- Green (73%)
- Blue (64%)



- Red (18%)
- Yellow (47%)
- Blue (73%)



- Cyan (76%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (82%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DB9A3 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 2DB9A3 by changing the saturation by 10% instead.



 2DB9A3

 2DB9A3


FFFFFF

 009E89

 71F2DA

 00836F

 90FFF6

 006957

 AEFFFF

 005040

 CCFFFF

 00382A

 EAFFFF

 002316

 000000

 2DB9A3

 2DB9A3

 1BB9A0

 40B9A6

08B99D

52B9A9

00B99C

65B9AC

77B9AF

8AB9B2

9CB9B4

AFB9B7

C1B9BA

D4B9BD

# Harmonies

## Analogous

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



6BB67E



2DB9A3



00B8C8

# Triad

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



2DB9A3



A79CE7



DC9667

# Complementary

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



2DB9A3



B92D43

# 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.



EC8B83



2DB9A3



D38FCD

# Square

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



2DB9A3



69AAF0



EA88A8



BEA35A

# Rectangle

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



2DB9A3



00B6DD



EA88A8



E3926F



# Sweetspot

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



2DB9A3



B9F0E7



44B92D



567873



F7F7F7



787878



# Same Dimension

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



2DB9A3



16F0CD



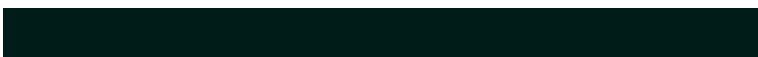
2D8AB9



535C5A



009C83



001C18



# Inverse Universe

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



B92D43



F01638



B95C2D



5C5354



9C0018



1C0004



# Previews

## White Background



This preview shows how the Hex color 2DB9A3 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 2DB9A3 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

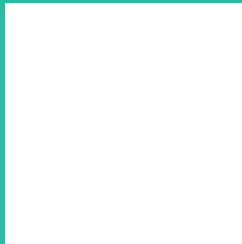
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DB9A3 Background



This preview shows how black text looks on a background with the Hex color 2DB9A3.

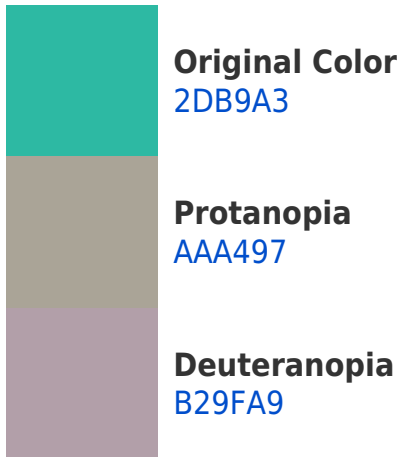


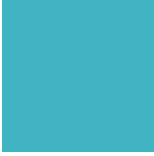
This preview shows how white text looks on a background with the Hex color 2DB9A3.

# 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**  
40B4C3

# Trichromacy



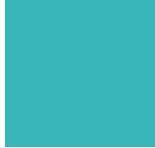
**Original Color**  
2DB9A3



**Protanomaly**  
7DAC9B



**Deuteranomaly**  
82A8A7



**Tritanomaly**  
39B6B7

# Monochromacy



**Original Color**  
2DB9A3



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
6A9D95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DB9A3 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 #2DB9A3 looks like.

```
.text, #text, p{  
    color:#2DB9A3  
}
```

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 #2DB9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB9A3
}
```

## Border

The CSS property to change the border of an element to Hex 2DB9A3 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
#2DB9A3 }
```

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

```
.border{ border-color:#2DB9A3 }
```

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

Here you see how a box with a 4 pixel #2DB9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB9A3; -webkit-box-shadow:4px 4px  
4px 4px #2DB9A3; box-shadow:4px 4px 4px  
4px #2DB9A3 }
```

# Background

The CSS property to change the background color of an element to Hex 2DB9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB9A3 }
```

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

```
.background{ background-color:#2DB9A3 }
```

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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