

# Converting Colors

Hex(1DB294)

Have a look what the booklet for  
Hex(1DB294) contains.

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**Color**

**Hex(1DB294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DB294
RGB	29, 178, 148
RGB Percent	11%, 70%, 58%
CMY	0.8863, 0.3020, 0.4196
CMYK	0.84, 0.00, 0.17, 0.30
HSL	168°, 72%, 41%
HSV	168°, 84%, 70%
XYZ	21.7724, 34.2401, 33.4785
YIQ	130.0290, -79.1740, -40.9180

# Conversions

## Conversions Part 2

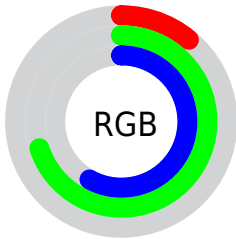
Format	Color
<a href="#">RYB</a>	<a href="#">29, 112, 178</a>
Decimal	<a href="#">1946260</a>
CIELab	<a href="#">65.15, -43.86, 4.93</a>
CIELCh	<a href="#">65, 44.140, 173.588</a>
Yxy	<a href="#">34.2401, 0.2433, 0.3826</a>
Android (android.graphics.Color)	<a href="#">4280136340 (0xFF1DB294)</a>
YUV	<a href="#">130.0290, 8.8597, -88.6024</a>
Hunter-Lab	<a href="#">58.5151, -35.9848, 7.0387</a>

# Details

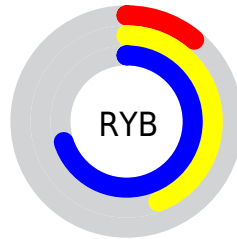
The Hex color **1DB294** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B21D3B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **67EBCA**, and **007C61** is the 20% darker color. If you saturate the color by 10%, you get **0BB290**, and if you desaturate by 10%, it is **2FB298**.

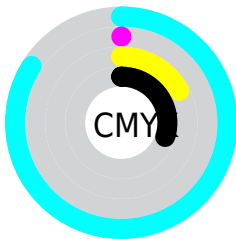
# Distribution



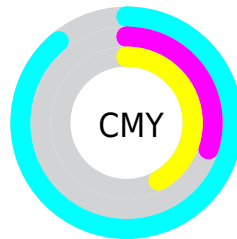
- Red (11%)
- Green (70%)
- Blue (58%)



- Red (11%)
- Yellow (44%)
- Blue (70%)



- Cyan (84%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



- Cyan (89%)
- Magenta (30%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DB294 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 1DB294 by changing the saturation by 10% instead.



 1DB294

 1DB294

FFFFFF

 00977A

 67EBCA

 007C61

 86FFE6

 00634A

 A4FFFF

 004A33

 C2FFFF

 00321E

 E0FFFF

 001B06

FEFFFF

 000000

 1DB294

 1DB294

 0BB290

 2FB298

■ 00B28E

■ 41B29B

■ 52B29F

■ 64B2A2

■ 76B2A6

■ 88B2AA

■ 9AB2AD

■ ABB2B1

■ BDB2B4

# Harmonies

## Analogous

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



68AE6E



1DB294



00B2BC

# Triad

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



1DB294



9497E7



DB8B60

# Complementary

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



1DB294



B21D3B

# 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.



E98081



1DB294



C788CE

# Square

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



1DB294



47A5EC



E37EA8



BE994E

# Rectangle

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



1DB294



00B0D4



E37EA8



E18669



# Sweetspot

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



1DB294



AEE8DC



3DB21D



52756E



F5F5F5



757575



# Same Dimension

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



1DB294



00E8B9



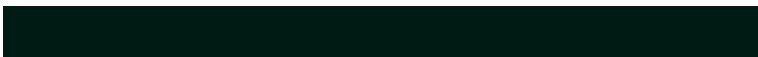
1D88B2



505957



00997A



001A14



# Inverse Universe

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



B21D3B



E8002F



B2471D



595052



99001F

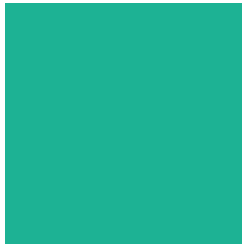


1A0005



# Previews

## White Background



This preview shows how the Hex color 1DB294 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 1DB294 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

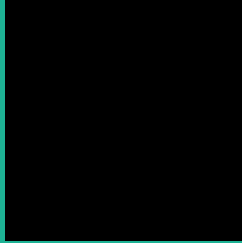
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DB294 Background



This preview shows how black text looks on a background with the Hex color 1DB294.

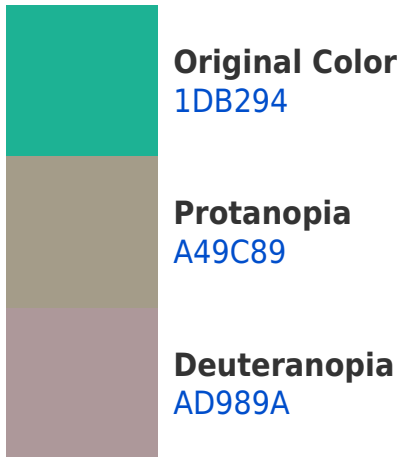


This preview shows how white text looks on a background with the Hex color 1DB294.

# 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**  
3AADB8

# Trichromacy



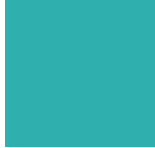
**Original Color**  
1DB294



**Protanomaly**  
73A48D



**Deuteranomaly**  
79A198



**Tritanomaly**  
2FAFAD

# Monochromacy



**Original Color**  
1DB294



**Achromatopsia**  
828282



**Achromatomaly**  
5D9389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DB294 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 #1DB294 looks like.

```
.text, #text, p{  
    color:#1DB294  
}
```

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 #1DB294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB294
}
```

## Border

The CSS property to change the border of an element to Hex 1DB294 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
#1DB294 }
```

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

```
.border{ border-color:#1DB294 }
```

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

Here you see how a box with a 4 pixel #1DB294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB294; -webkit-box-shadow:4px 4px  
4px 4px #1DB294; box-shadow:4px 4px 4px  
4px #1DB294 }
```

# Background

The CSS property to change the background color of an element to Hex 1DB294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB294 }
```

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

```
.background{ background-color:#1DB294 }
```

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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