

Converting Colors

Hex(1DBE8F)

Have a look what the booklet for
Hex(1DBE8F) contains.

Hex(1DBE8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1DBE8F)

Conversions

Conversions Part 1

Format	Color
Hex	1DBE8F
RGB	29, 190, 143
RGB Percent	11%, 75%, 56%
CMY	0.8863, 0.2549, 0.4392
CMYK	0.85, 0.00, 0.25, 0.25
HSL	162°, 74%, 43%
HSV	162°, 85%, 75%
XYZ	23.8781, 39.0713, 32.2696
YIQ	136.5030, -80.8690, -48.7490

Conversions

Conversions Part 2

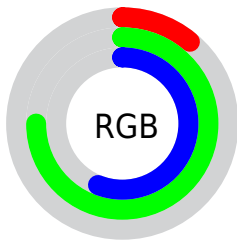
Format	Color
RYB	29, 123, 190
Decimal	1949327
CIELab	68.80, -50.04, 12.87
CIElCh	69, 51.664, 165.578
Yxy	39.0713, 0.2508, 0.4103
Android (android.graphics.Color)	4280139407 (0xFF1DBE8F)
YUV	136.5030, 3.2030, -94.2801
Hunter-Lab	62.5070, -41.1992, 13.1461

Details

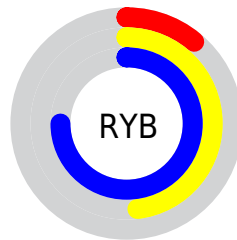
The Hex color **1DBE8F** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE1D4C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6AF7C5**, and **00875D** is the 20% darker color. If you saturate the color by 10%, you get **0ABE89**, and if you desaturate by 10%, it is **30BE95**.

Distribution



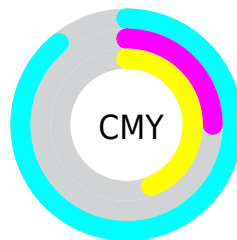
- Red (11%)
- Green (75%)
- Blue (56%)



- Red (11%)
- Yellow (48%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DBE8F 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 1DBE8F by changing the saturation by 10% instead.

 1DBE8F

 1DBE8F

FFFFFF

 00A275

 6AF7C5

 00875D

 89FFE1

 006D45

 A7FFFD

 00542F

 C5FFFF

 003B19

 E3FFFF

 002500

 000000

 1DBE8F

 1DBE8F

 0ABE89

 30BE95

00BE87

43BE9A

56BEA0

69BEA5

7CBEAB

8FBEB0

A2BEB6

B5BEBB

C8BEC1

Harmonies

Analogous

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



77B864



1DBE8F



00C0BF

Triad

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



1DBE8F



85A4FF



F48C67

Complementary

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



1DBE8F



BE1D4C

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.



FF8191



1DBE8F



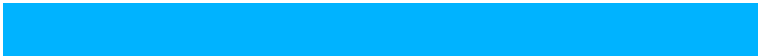
CA92EA

Square

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



1DBE8F



00B3FF



F383C0



D69D4B

Rectangle

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



1DBE8F



00BEDD



F383C0



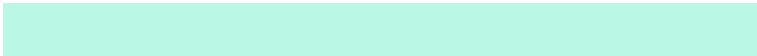
FB8774

Sweetspot

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



1DBE8F



BAF7E5



4DBE1D



577D72



FCFCFC



7D7D7D

Same Dimension

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



1DBE8F



00F7AF



1D9EBE



555E5C



009E70



001F16

Inverse Universe

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



BE1D4C



F70048



BE3D1D



5E5558



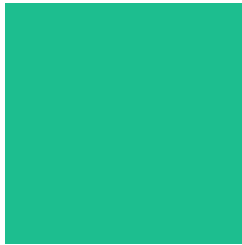
9E002E



1F0009

Previews

White Background



This preview shows how the Hex color 1DBE8F 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 1DBE8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

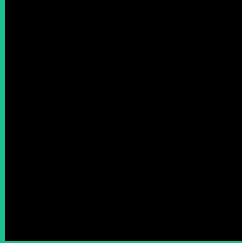
Any Text WCAG AA ✓ Pass

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 1DBE8F Background



This preview shows how black text looks on a background with the Hex color 1DBE8F.



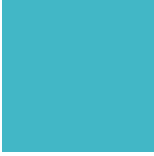
This preview shows how white text looks on a background with the Hex color 1DBE8F.

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



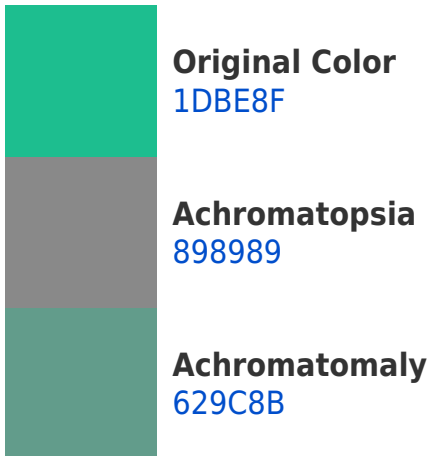


Tritanopia
42B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DBE8F 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 #1DBE8F looks like.

```
.text, #text, p{  
    color:#1DBE8F  
}
```

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 #1DBE8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DBE8F
}
```

Border

The CSS property to change the border of an element to Hex 1DBE8F 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
#1DBE8F }
```

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

```
.border{ border-color:#1DBE8F }
```

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

Here you see how a box with a 4 pixel #1DBE8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DBE8F; -webkit-box-shadow:4px 4px  
4px 4px #1DBE8F; box-shadow:4px 4px 4px  
4px #1DBE8F }
```

Background

The CSS property to change the background color of an element to Hex 1DBE8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DBE8F }
```

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

```
.background{ background-color:#1DBE8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor