

Converting Colors

Hex(04DEB2)

Have a look what the booklet for
Hex(04DEB2) contains.

| | |
|------------------------------------------------|----|
| Hex(04DEB2) | 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(04DEB2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04DEB2 |
| RGB | 4, 222, 178 |
| RGB Percent | 2%, 87%, 70% |
| CMY | 0.9843, 0.1294, 0.3020 |
| CMYK | 0.98, 0.00, 0.20, 0.13 |
| HSL | 168°, 96%, 44% |
| HSV | 168°, 98%, 87% |
| XYZ | 34.2072, 55.4827, 51.0258 |
| YIQ | 151.8020, -115.8040, -59.9000 |

Conversions

Conversions Part 2

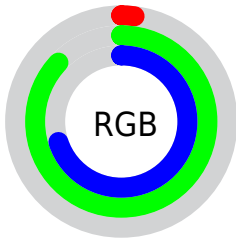
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 4, 125, 222 |
| Decimal | 319154 |
| CIELab | 79.32, -55.20, 8.99 |
| CIElCh | 79, 55.928, 170.746 |
| Yxy | 55.4827, 0.2431, 0.3943 |
| Android (android.graphics.Color) | 4278509234 (0xFF04DEB2) |
| YUV | 151.8020, 12.9156, -129.6224 |
| Hunter-Lab | 74.4867, -48.3776, 11.5251 |

Details

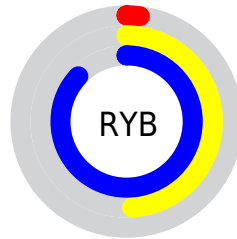
The Hex color **04DEB2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DE0430**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6CFFEA**, and **00A67D** is the 20% darker color. If you saturate the color by 10%, you get **00DEB1**, and if you desaturate by 10%, it is **1ADEB6**.

Distribution



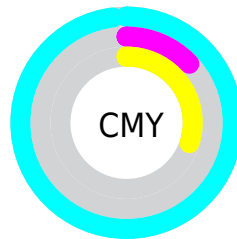
- Red (2%)
- Green (87%)
- Blue (70%)



- Red (2%)
- Yellow (49%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (98%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04DEB2 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 04DEB2 by changing the saturation by 10% instead.

 04DEB2

 04DEB2

FFFFFF

 00C197

 6CFFEA

 00A67D

 8EFFFF

 008A64

 AEFFFF

 00704C

 CDFFFF

 005636

 EDFFFF

 003D20

 00260A

 000000

 04DEB2

 04DEB2

■ 00DEB1

■ 1ADEB6

■ 30DEBB

■ 47DEBF

■ 5DDEC4

■ 73DEC8

■ 89DECD

■ 9FDED1

■ B6DED6

■ CCDEDA

Harmonies

Analogous

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



82D880



04DEB2



00DFE8

Triad

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



04DEB2



AEBDFE



FFA976

Complementary

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



04DEB2



DE0430

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.



FF9BA2



04DEB2



F5A9FF

Square

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



04DEB2



2FCFFF



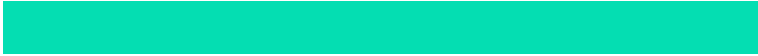
FF9AD7



F1BC5B

Rectangle

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



04DEB2



00DCFF



FF9AD7



FFA383

Sweetspot

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



04DEB2



B5FFF0



33DE04



538076



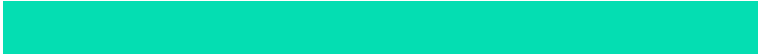
000000



808080

Same Dimension

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



04DEB2



00FFCC



04A0DE



65706E



00B08C



003027

Inverse Universe

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



DE0430



FF0033



DE4204



706567



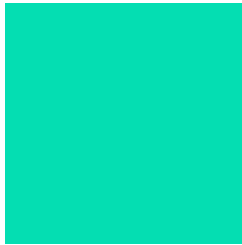
B00024



30000A

Previews

White Background



This preview shows how the Hex color 04DEB2 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 04DEB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

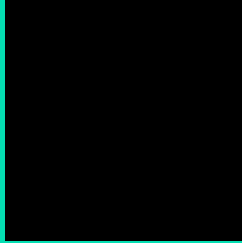
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

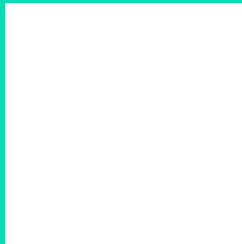
Any Text WCAG AAA ✓ Pass

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

Hex 04DEB2 Background



This preview shows how black text looks on a background with the Hex color 04DEB2.



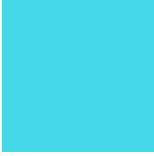
This preview shows how white text looks on a background with the Hex color 04DEB2.

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
43D7E8

Trichromacy



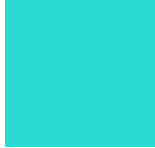
Original Color
04DEB2



Protanomaly
84CCA9

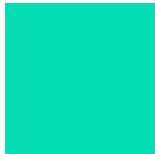


Deuteranomaly
8CC8B6



Tritanomaly
2CDAD4

Monochromacy



Original Color
04DEB2



Achromatopsia
989898



Achromatomaly
62B1A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 04DEB2 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 #04DEB2 looks like.

```
.text, #text, p{  
    color:#04DEB2  
}
```

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 #04DEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04DEB2
}
```

Border

The CSS property to change the border of an element to Hex 04DEB2 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
#04DEB2 }
```

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

```
.border{ border-color:#04DEB2 }
```

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

Here you see how a box with a 4 pixel #04DEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04DEB2; -webkit-box-shadow:4px 4px  
4px 4px #04DEB2; box-shadow:4px 4px 4px  
4px #04DEB2 }
```

Background

The CSS property to change the background color of an element to Hex 04DEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04DEB2 }
```

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

```
.background{ background-color:#04DEB2 }
```

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