

Converting Colors

Hex(04D2B9)

Have a look what the booklet for
Hex(04D2B9) contains.

| | |
|--|----|
| Hex(04D2B9) | 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(04D2B9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04D2B9 |
| RGB | 4, 210, 185 |
| RGB Percent | 2%, 82%, 73% |
| CMY | 0.9843, 0.1765, 0.2745 |
| CMYK | 0.98, 0.00, 0.12, 0.18 |
| HSL | 173°, 96%, 42% |
| HSV | 173°, 98%, 82% |
| XYZ | 31.8536, 49.6218, 53.7980 |
| YIQ | 145.5560, -114.7510, -51.4470 |

Conversions

Conversions Part 2

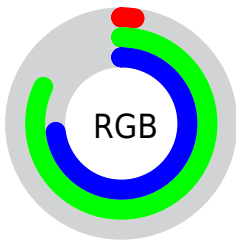
| Format | Color |
|-------------------------------------|--|
| RYB | 4, 114, 210 |
| Decimal | 316089 |
| CIELab | 75.84, -48.54, 0.23 |
| CIELCh | 76, 48.543, 179.733 |
| Yxy | 49.6218, 0.2355, 0.3668 |
| Android (android.graphics.Color) | 4278506169 (0xFF04D2B9) |
| YUV | 145.5560, 19.4459, -124.1446 |
| Hunter-Lab | 70.4427, -42.5586, 4.0294 |

Details

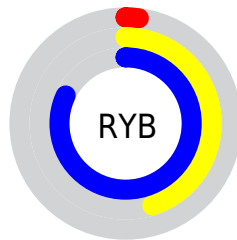
The Hex color **04D2B9** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D2041D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFF1**, and **009A84** is the 20% darker color. If you saturate the color by 10%, you get **00D2B9**, and if you desaturate by 10%, it is **19D2BC**.

Distribution



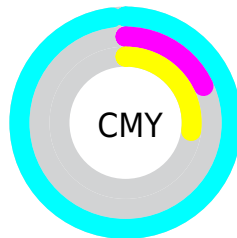
- Red (2%)
- Green (82%)
- Blue (73%)



- Red (2%)
- Yellow (45%)
- Blue (82%)



- Cyan (98%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (98%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04D2B9 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 04D2B9 by changing the saturation by 10% instead.

 04D2B9

 04D2B9

FFFFFF

 00B69E

 6AFFF1

 009A84

 8BFFFF

 00806B

 ABFFFF

 006653

 CAFFFF

 004C3C

 EAFFFF

 003526

 001D12

 000000

 04D2B9

 04D2B9

00D2B9

19D2BC

2ED2BE

43D2C1

58D2C3

6DD2C6

82D2C8

97D2CB

ACD2CD

C1D2D0

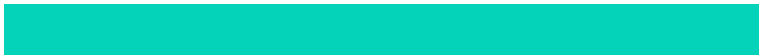
Harmonies

Analogous

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



72CE8C



04D2B9



00D1E6

Triad

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



04D2B9



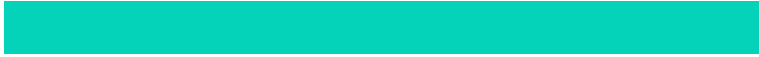
BEAFFF



FAA86E

Complementary

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



04D2B9



D2041D

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.



FF9A91



04D2B9



F29FE9

Square

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



04D2B9



70C0FF



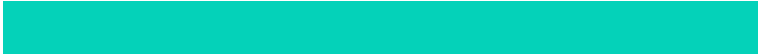
FF96BD



D7B85F

Rectangle

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



04D2B9



00CEFE



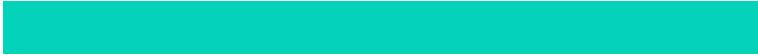
FF96BD



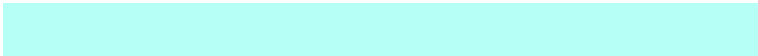
FFA378

Sweetspot

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



04D2B9



B5FFF6



1FD204



53807A



000000



808080

Same Dimension

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



04D2B9



00FFE0



0486D2



5E6967



00A894



002924

Inverse Universe

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



D2041D



FF001F



D25004



695E5F



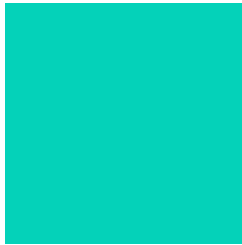
A80014



290005

Previews

White Background



This preview shows how the Hex color 04D2B9 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 04D2B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

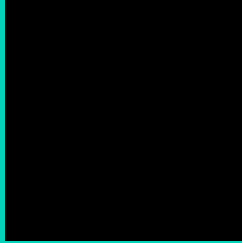
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

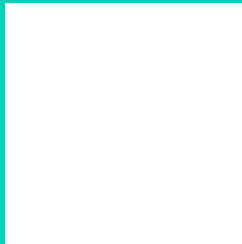
Any Text WCAG AAA ✓ Pass

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

Hex 04D2B9 Background



This preview shows how black text looks on a background with the Hex color 04D2B9.

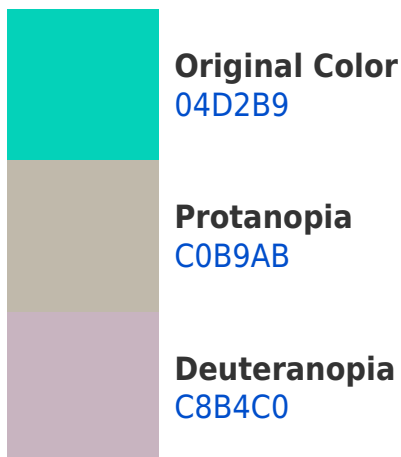


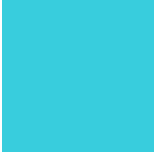
This preview shows how white text looks on a background with the Hex color 04D2B9.

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
38CDDD

Trichromacy



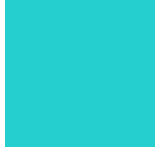
Original Color
04D2B9



Protanomaly
7CC2B0



Deuteranomaly
81BFBD



Tritanomaly
25CFD0

Monochromacy



Original Color
04D2B9



Achromatopsia
929292



Achromatomaly
5EA9A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 04D2B9 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 #04D2B9 looks like.

```
.text, #text, p{  
    color:#04D2B9  
}
```

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 #04D2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04D2B9
}
```

Border

The CSS property to change the border of an element to Hex 04D2B9 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
#04D2B9 }
```

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

```
.border{ border-color:#04D2B9 }
```

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

Here you see how a box with a 4 pixel #04D2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04D2B9; -webkit-box-shadow:4px 4px  
4px 4px #04D2B9; box-shadow:4px 4px 4px  
4px #04D2B9 }
```

Background

The CSS property to change the background color of an element to Hex 04D2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04D2B9 }
```

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

```
.background{ background-color:#04D2B9 }
```

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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