

Converting Colors

Hex(04BCD9)

Have a look what the booklet for
Hex(04BCD9) contains.

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Color

Hex(04BCD9)

Conversions

Conversions Part 1

Format	Color
Hex	04BCD9
RGB	4, 188, 217
RGB Percent	2%, 74%, 85%
CMY	0.9843, 0.2627, 0.1490
CMYK	0.98, 0.13, 0.00, 0.15
HSL	188°, 96%, 43%
HSV	188°, 98%, 85%
XYZ	30.5577, 41.0020, 71.9493
YIQ	136.2900, -118.9730, -29.9890

Conversions

Conversions Part 2

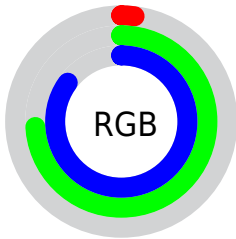
Format	Color
RYB	4, 103, 217
Decimal	310489
CIELab	70.18, -28.93, -25.62
CIELCh	70, 38.640, 221.533
Yxy	41.0020, 0.2129, 0.2857
Android (android.graphics.Color)	4278500569 (0xFF04BCD9)
YUV	136.2900, 39.7900, -116.0183
Hunter-Lab	64.0328, -26.8738, -21.7971

Details

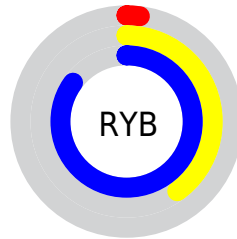
The Hex color **04BCD9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D92104**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6BF5FF**, and **0086A2** is the 20% darker color. If you saturate the color by 10%, you get **00BBD9**, and if you desaturate by 10%, it is **1ABFD9**.

Distribution



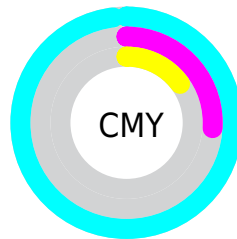
- Red (2%)
- Green (74%)
- Blue (85%)



- Red (2%)
- Yellow (40%)
- Blue (85%)



- Cyan (98%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (98%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BCD9 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 04BCD9 by changing the saturation by 10% instead.

 04BCD9

 04BCD9

FFFFFF

 00A1BD

 6BF5FF

 0086A2

 8CFFFF

 006D88

 ACFFFF

 00546E

 CBFFFF

 003C56

 EAFFFF

 00273E

 000429

 000113

 000000

■ 04BCD9

■ 04BCD9

■ 00BBD9

■ 1ABFD9

■ 2FC2D9

■ 45C5D9

■ 5BC8D9

■ 71CBD9

■ 86CED9

■ 9CD1D9

■ B2D4D9

■ C7D7D9

Harmonies

Analogous

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



2CBEB8



04BCD9



50B5ED

Triad

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



04BCD9



E293C3



B5AE66

Complementary

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



04BCD9



D92104

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.



D5A269



04BCD9



F0909F

Square

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



04BCD9



C19DE0



EA967F



8FB776

Rectangle

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



04BCD9



7BAEF1



EA967F



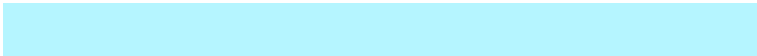
C1AA65

Sweetspot

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



04BCD9



B5F5FF



04D920



537980



000000



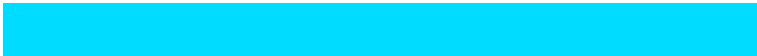
808080

Same Dimension

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



04BCD9



00DCFF



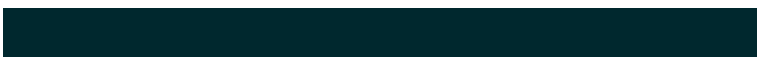
0452D9



636C6E



0096AD



00282E

Inverse Universe

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



D904BC



FF00DC



D98B04



6E636C



AD0096



2E0028

Previews

White Background



This preview shows how the Hex color 04BCD9 looks on a white background.

Color Contrast Check

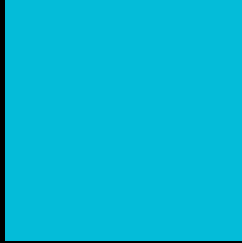
Large Text (above 18pt) WCAG AA × Fail

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 04BCD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

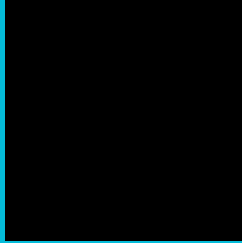
Any Text WCAG AA ✓ Pass

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 04BCD9 Background



This preview shows how black text looks on a background with the Hex color 04BCD9.

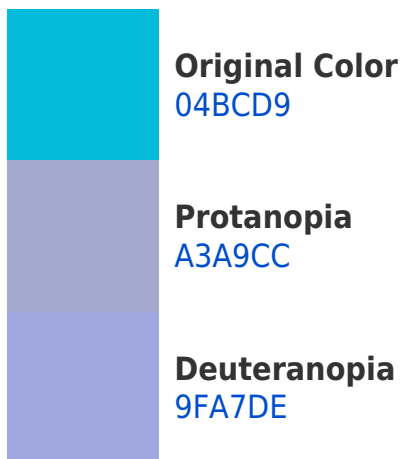


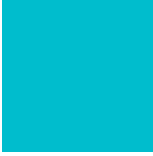
This preview shows how white text looks on a background with the Hex color 04BCD9.

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
00BDCD

Trichromacy



Original Color
04BCD9



Protanomaly
69B0D1



Deuteranomaly
67AFDC



Tritanomaly
01BDD1

Monochromacy



Original Color
04BCD9



Achromatopsia
888888



Achromatomaly
589BA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BCD9 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 #04BCD9 looks like.

```
.text, #text, p{  
    color:#04BCD9  
}
```

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 #04BCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BCD9
}
```

Border

The CSS property to change the border of an element to Hex 04BCD9 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
#04BCD9 }
```

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

```
.border{ border-color:#04BCD9 }
```

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

Here you see how a box with a 4 pixel #04BCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BCD9; -webkit-box-shadow:4px 4px  
4px 4px #04BCD9; box-shadow:4px 4px 4px  
4px #04BCD9 }
```

Background

The CSS property to change the background color of an element to Hex 04BCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BCD9 }
```

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

```
.background{ background-color:#04BCD9 }
```

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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