

Converting Colors

Hex(04B0D5)

Have a look what the booklet for
Hex(04B0D5) contains.

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Color

Hex(04B0D5)

Conversions

Conversions Part 1

Format	Color
Hex	04B0D5
RGB	4, 176, 213
RGB Percent	2%, 69%, 84%
CMY	0.9843, 0.3098, 0.1647
CMYK	0.98, 0.17, 0.00, 0.16
HSL	191°, 96%, 43%
HSV	191°, 98%, 84%
XYZ	27.5856, 35.8806, 68.4225
YIQ	128.7900, -114.3890, -24.9570

Conversions

Conversions Part 2

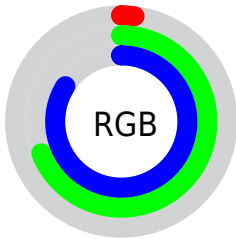
Format	Color
RYB	4, 98, 213
Decimal	307413
CIELab	66.43, -24.25, -29.19
CIElCh	66, 37.950, 230.278
Yxy	35.8806, 0.2092, 0.2721
Android (android.graphics.Color)	4278497493 (0xFF04B0D5)
YUV	128.7900, 41.5155, -109.4408
Hunter-Lab	59.9004, -22.6219, -25.7950

Details

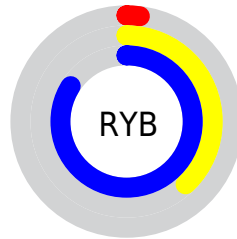
The Hex color **04B0D5** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D52904**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **69E8FF**, and **007B9E** is the 20% darker color. If you saturate the color by 10%, you get **00AFD5**, and if you desaturate by 10%, it is **19B4D5**.

Distribution



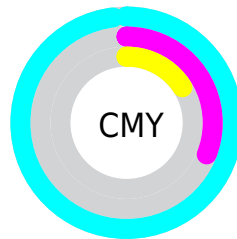
- Red (2%)
- Green (69%)
- Blue (84%)



- Red (2%)
- Yellow (38%)
- Blue (84%)



- Cyan (98%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B0D5 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 04B0D5 by changing the saturation by 10% instead.

 04B0D5

 04B0D5

FFFFFF

 0095B9

 69E8FF

 007B9E

 89FFFF

 006284

 A9FFFF

 004A6B

 C8FFFF

 003352

 E7FFFF

 00203B

 000225

 00010E

 000000

■ 04B0D5

■ 04B0D5

■ 00AFD5

■ 19B4D5

■ 2FB8D5

■ 44BBD5

■ 59BFD5

■ 6FC3D5

■ 84C7D5

■ 99CAD5

■ AECED5

■ C4D2D5

Harmonies

Analogous

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



00B3B8



04B0D5



5AA8E4

Triad

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



04B0D5



DC88AE



A0A760

Complementary

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



04B0D5



D52904

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.



C29C5E



04B0D5



E4888C

Square

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



04B0D5



C290CD



DA906E



79AF75

Rectangle

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



04B0D5



83A1E4



DA906E



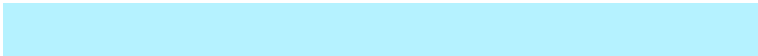
ACA35D

Sweetspot

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



04B0D5



B5F2FF



04D527



537880



000000



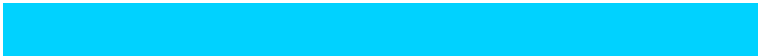
808080

Same Dimension

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



04B0D5



00D2FF



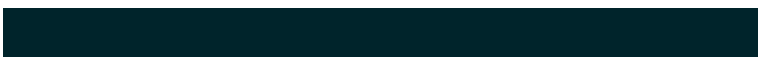
044AD5



60696B



008DAB



00242B

Inverse Universe

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



D504B0



FF00D2



D58F04



6B6069



AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 04B0D5 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 04B0D5 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 04B0D5 Background



This preview shows how black text looks on a background with the Hex color 04B0D5.

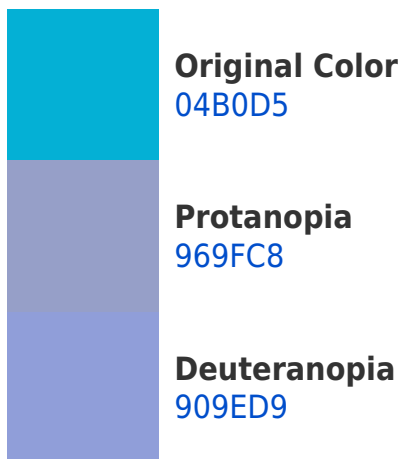


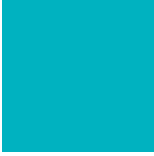
This preview shows how white text looks on a background with the Hex color 04B0D5.

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
00B2C0

Trichromacy



Original Color
04B0D5



Protanomaly
61A5CD



Deuteranomaly
5DA5D8



Tritanomaly
01B1C8

Monochromacy



Original Color
04B0D5



Achromatopsia
818181



Achromatomaly
5492A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B0D5 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 #04B0D5 looks like.

```
.text, #text, p{  
    color:#04B0D5  
}
```

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 #04B0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B0D5
}
```

Border

The CSS property to change the border of an element to Hex 04B0D5 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
#04B0D5 }
```

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

```
.border{ border-color:#04B0D5 }
```

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

Here you see how a box with a 4 pixel #04B0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B0D5; -webkit-box-shadow:4px 4px  
4px 4px #04B0D5; box-shadow:4px 4px 4px  
4px #04B0D5 }
```

Background

The CSS property to change the background color of an element to Hex 04B0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B0D5 }
```

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

```
.background{ background-color:#04B0D5 }
```

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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