

# Converting Colors

Hex(04B4D5)

Have a look what the booklet for  
Hex(04B4D5) contains.

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**Color**

**Hex(04B4D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04B4D5
RGB	4, 180, 213
RGB Percent	2%, 71%, 84%
CMY	0.9843, 0.2941, 0.1647
CMYK	0.98, 0.15, 0.00, 0.16
HSL	189°, 96%, 43%
HSV	189°, 98%, 84%
XYZ	28.3816, 37.4724, 68.6878
YIQ	131.1380, -115.4890, -27.0490

# Conversions

## Conversions Part 2

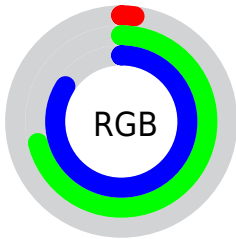
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 100, 213
Decimal	308437
CIELab	67.63, -26.28, -27.34
CIELCh	68, 37.920, 226.135
Yxy	37.4724, 0.2109, 0.2785
Android (android.graphics.Color)	4278498517 (0xFF04B4D5)
YUV	131.1380, 40.3580, -111.5000
Hunter-Lab	61.2147, -24.3661, -23.6778

# Details

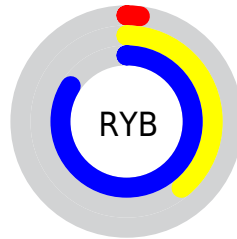
The Hex color **04B4D5** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D52504**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **69ECFF**, and **007F9E** is the 20% darker color. If you saturate the color by 10%, you get **00B3D5**, and if you desaturate by 10%, it is **19B7D5**.

# Distribution



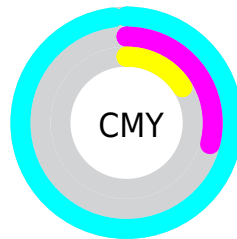
- Red (2%)
- Green (71%)
- Blue (84%)



- Red (2%)
- Yellow (39%)
- Blue (84%)



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04B4D5 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 04B4D5 by changing the saturation by 10% instead.



04B4D5

04B4D5

FFFFFF

0099B9

69ECFF

007F9E

8AFFFF

006684

A9FFFF

004D6B

C9FFFF

003652

E8FFFF

00223B

000225

00010E

000000

■ 04B4D5

■ 04B4D5

■ 00B3D5

■ 19B7D5

■ 2FBBD5

■ 44BED5

■ 59C1D5

■ 6FC5D5

■ 84C8D5

■ 99CCD5

■ AECFD5

■ C4D2D5

# Harmonies

## Analogous

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



1BB7B7



04B4D5



55ADE6

# Triad

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



04B4D5



DD8CB6



A9A962

# Complementary

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



04B4D5



D52504

# 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.



C99D62



04B4D5



E78A93

# Square

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



04B4D5



C095D4



DF9275



82B174

# Rectangle

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



04B4D5



7EA6E8



DF9275



B4A560



# Sweetspot

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



04B4D5



B5F3FF



04D523



537880



000000



808080

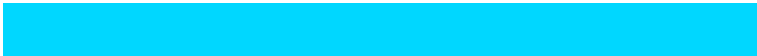


# Same Dimension

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



04B4D5



00D7FF



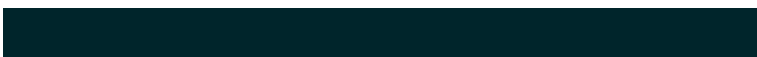
044DD5



60696B



0090AB



00252B



# Inverse Universe

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



D504B4



FF00D7



D58C04



6B6069



AB0090



2B0025



# Previews

## White Background



This preview shows how the Hex color 04B4D5 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 04B4D5 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 04B4D5 Background



This preview shows how black text looks on a background with the Hex color 04B4D5.

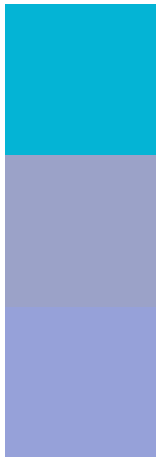


This preview shows how white text looks on a background with the Hex color 04B4D5.

# 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](#).

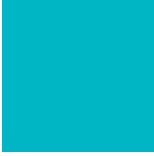
## Dichromacy



**Original Color**  
04B4D5

**Protanopia**  
9BA2C8

**Deuteranopia**  
96A1D9



**Tritanopia**  
00B6C4

# Trichromacy



**Original Color**  
04B4D5



**Protanomaly**  
64A9CD



**Deuteranomaly**  
61A8D8



**Tritanomaly**  
01B5CA

# Monochromacy



**Original Color**  
04B4D5



**Achromatopsia**  
838383



**Achromatomaly**  
5595A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04B4D5 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 #04B4D5 looks like.

```
.text, #text, p{  
    color:#04B4D5  
}
```

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 #04B4D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B4D5
}
```

## Border

The CSS property to change the border of an element to Hex 04B4D5 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
#04B4D5 }
```

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

```
.border{ border-color:#04B4D5 }
```

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

Here you see how a box with a 4 pixel #04B4D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B4D5; -webkit-box-shadow:4px 4px  
4px 4px #04B4D5; box-shadow:4px 4px 4px  
4px #04B4D5 }
```

# Background

The CSS property to change the background color of an element to Hex 04B4D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B4D5 }
```

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

```
.background{ background-color:#04B4D5 }
```

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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