

Converting Colors

Hex(04BED6)

Have a look what the booklet for
Hex(04BED6) contains.

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Color

Hex(04BED6)

Conversions

Conversions Part 1

Format	Color
Hex	04BED6
RGB	4, 190, 214
RGB Percent	2%, 75%, 84%
CMY	0.9843, 0.2549, 0.1608
CMYK	0.98, 0.11, 0.00, 0.16
HSL	187°, 96%, 43%
HSV	187°, 98%, 84%
XYZ	30.6011, 41.7078, 70.0559
YIQ	137.1220, -118.5600, -31.9680

Conversions

Conversions Part 2

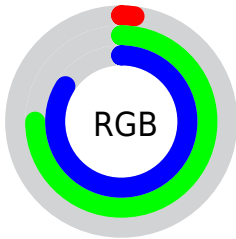
Format	Color
RYB	4, 103, 214
Decimal	310998
CIELab	70.67, -30.88, -23.23
CIELCh	71, 38.644, 216.952
Yxy	41.7078, 0.2149, 0.2930
Android (android.graphics.Color)	4278501078 (0xFF04BED6)
YUV	137.1220, 37.9009, -116.7480
Hunter-Lab	64.5815, -28.4378, -19.1087

Details

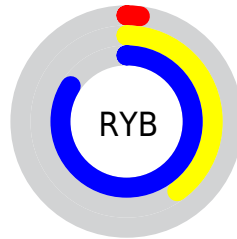
The Hex color **04BED6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **D61C04**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6BF7FF**, and **00889F** is the 20% darker color. If you saturate the color by 10%, you get **00BED6**, and if you desaturate by 10%, it is **19C0D6**.

Distribution



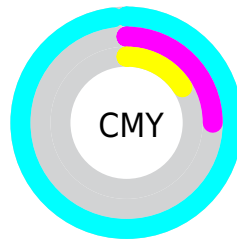
- Red (2%)
- Green (75%)
- Blue (84%)



- Red (2%)
- Yellow (40%)
- Blue (84%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BED6 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 04BED6 by changing the saturation by 10% instead.

 04BED6

 04BED6

FFFFFF

 00A3BA

 6BF7FF

 00889F

 8CFFFF

 006E85

 ABFFFF

 00566C

 CBFFFF

 003E53

 EAFFFF

 00283C

 000727

 000110

 000000

■ 04BED6

■ 04BED6

■ 00BED6

■ 19C0D6

■ 2FC3D6

■ 44C5D6

■ 5AC8D6

■ 6FCAD6

■ 84CDD6

■ 9ACFD6

■ AFD2D6

■ C5D4D6

Harmonies

Analogous

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



37C0B4



04BED6



48B8ED

Triad

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



04BED6



E096C9



BCAD66

Complementary

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



04BED6



D61C04

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.



DBA16D



04BED6



F091A6

Square

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



04BED6



BCA1E5



EE9684



96B773

Rectangle

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



04BED6



73B1F3



EE9684



C7AA66

Sweetspot

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



04BED6



B5F7FF



04D619



537A80



000000



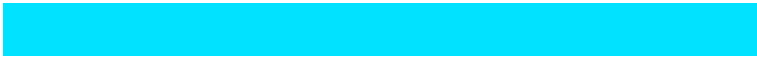
808080

Same Dimension

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



04BED6



00E2FF



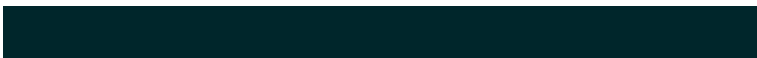
0458D6



606A6B



0097AB



00262B

Inverse Universe

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



D604BE



FF00E2



D68204



6B606A



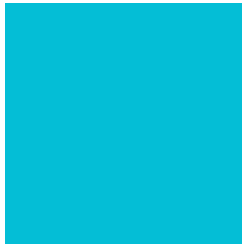
AB0097



2B0026

Previews

White Background



This preview shows how the Hex color 04BED6 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 04BED6 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 04BED6 Background



This preview shows how black text looks on a background with the Hex color 04BED6.

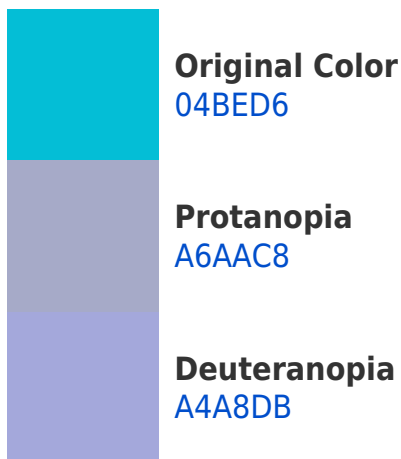


This preview shows how white text looks on a background with the Hex color 04BED6.

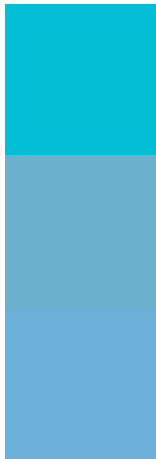
Color Blindness Simulation

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



Trichromacy

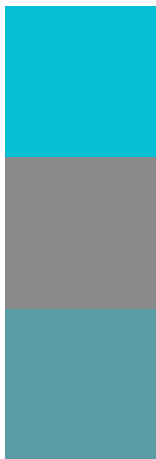


Original Color
04BED6

Protanomaly
6BB1CD

Deuteranomaly
6AB0D9

Monochromacy



Original Color
04BED6

Achromatopsia
898989

Achromatomaly
599CA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BED6 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 #04BED6 looks like.

```
.text, #text, p{  
    color:#04BED6  
}
```

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 #04BED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BED6
}
```

Border

The CSS property to change the border of an element to Hex 04BED6 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
#04BED6 }
```

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

```
.border{ border-color:#04BED6 }
```

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

Here you see how a box with a 4 pixel #04BED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BED6; -webkit-box-shadow:4px 4px  
4px 4px #04BED6; box-shadow:4px 4px 4px  
4px #04BED6 }
```

Background

The CSS property to change the background color of an element to Hex 04BED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BED6 }
```

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

```
.background{ background-color:#04BED6 }
```

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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