

Converting Colors

Hex(03AFC4)

Have a look what the booklet for
Hex(03AFC4) contains.

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Color

Hex(03AFC4)

Conversions

Conversions Part 1

Format	Color
Hex	03AFC4
RGB	3, 175, 196
RGB Percent	1%, 69%, 77%
CMY	0.9882, 0.3137, 0.2314
CMYK	0.98, 0.11, 0.00, 0.23
HSL	187°, 97%, 39%
HSV	187°, 98%, 77%
XYZ	25.3313, 34.6648, 57.5804
YIQ	125.9660, -109.2530, -29.9330

Conversions

Conversions Part 2

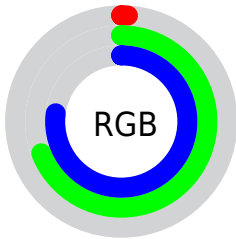
Format	Color
RYB	3, 94, 196
Decimal	241604
CIELab	65.49, -29.47, -21.24
CIELCh	65, 36.325, 215.782
Yxy	34.6648, 0.2154, 0.2948
Android (android.graphics.Color)	4278431684 (0xFF03AFC4)
YUV	125.9660, 34.5268, -107.8412
Hunter-Lab	58.8768, -26.2362, -16.7707

Details

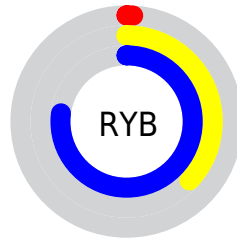
The Hex color **03AFC4** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C41803**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **65E7FD**, and **007A8E** is the 20% darker color. If you saturate the color by 10%, you get **00AFC4**, and if you desaturate by 10%, it is **17B1C4**.

Distribution



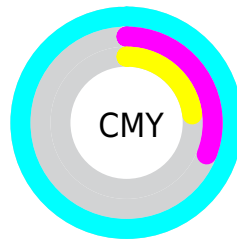
- Red (1%)
- Green (69%)
- Blue (77%)



- Red (1%)
- Yellow (37%)
- Blue (77%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (99%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03AFC4 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 03AFC4 by changing the saturation by 10% instead.

 03AFC4

 03AFC4

FFFFFF

 0094A9

 65E7FD

 007A8E

 86FFFF

 006175

 A5FFFF

 00495C

 C3FFFF

 003144

 E2FFFF

 001D2E

 000119

 000000

 03AFC4

 03AFC4

00AFC4

17B1C4

2AB3C4

3EB5C4

51B8C4

65BAC4

79BCC4

8CBEC4

A0C0C4

B3C2C4

Harmonies

Analogous

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



34B0A4



03AFC4



3FAADA

Triad

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



03AFC4



CD8ABA



AE9F5D

Complementary

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



03AFC4



C41803

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.



CA9464



03AFC4



DD859A

Square

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



03AFC4



AB94D4



DB8A7B



8BA869

Rectangle

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



03AFC4



67A4DF



DB8A7B



B99B5E

Sweetspot

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



03AFC4



B3F7FF



03C416



527B80



000000



808080

Same Dimension

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



03AFC4



00E3FF



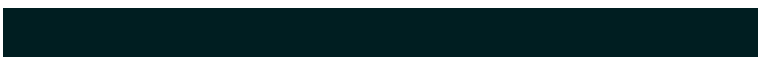
0350C4



576061



008FA1



001E21

Inverse Universe

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



C403AF



FF00E3



C47703



615760



A1008F



21001E

Previews

White Background



This preview shows how the Hex color 03AFC4 looks on a white background.

Color Contrast Check

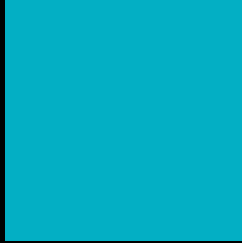
Large Text (above 18pt) WCAG AA × Fail

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 03AFC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

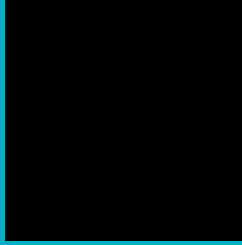
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

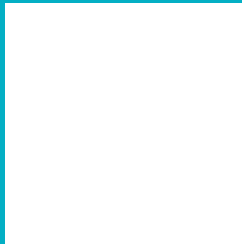
Any Text WCAG AAA ✓ Pass

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

Hex 03AFC4 Background



This preview shows how black text looks on a background with the Hex color 03AFC4.



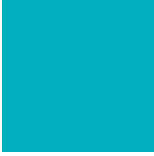
This preview shows how white text looks on a background with the Hex color 03AFC4.

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
03AFC4



Protanomaly
62A4BC



Deuteranomaly
61A2C7



Tritanomaly
01B0C0

Monochromacy



Original Color
03AFC4



Achromatopsia
7E7E7E



Achromatomaly
519097

CSS Examples

Text

The CSS property to change the color of the text to Hex 03AFC4 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 #03AFC4 looks like.

```
.text, #text, p{  
    color:#03AFC4  
}
```

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 #03AFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03AFC4
}
```

Border

The CSS property to change the border of an element to Hex 03AFC4 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
#03AFC4 }
```

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

```
.border{ border-color:#03AFC4 }
```

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

Here you see how a box with a 4 pixel #03AFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03AFC4; -webkit-box-shadow:4px 4px  
4px 4px #03AFC4; box-shadow:4px 4px 4px  
4px #03AFC4 }
```

Background

The CSS property to change the background color of an element to Hex 03AFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03AFC4 }
```

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

```
.background{ background-color:#03AFC4 }
```

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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