

Converting Colors

Hex(05ACC3)

Have a look what the booklet for
Hex(05ACC3) contains.

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Color

Hex(05ACC3)

Conversions

Conversions Part 1

Format	Color
Hex	05ACC3
RGB	5, 172, 195
RGB Percent	2%, 67%, 76%
CMY	0.9804, 0.3255, 0.2353
CMYK	0.97, 0.12, 0.00, 0.24
HSL	187°, 95%, 39%
HSV	187°, 97%, 76%
XYZ	24.6654, 33.4774, 56.7915
YIQ	124.6890, -106.9150, -28.2510

Conversions

Conversions Part 2

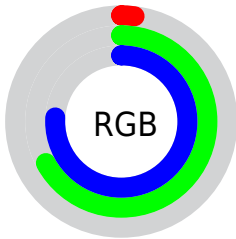
Format	Color
RYB	5, 94, 195
Decimal	371907
CIELab	64.55, -28.26, -22.12
CIELCh	65, 35.885, 218.056
Yxy	33.4774, 0.2146, 0.2913
Android (android.graphics.Color)	4278561987 (0xFF05ACC3)
YUV	124.6890, 34.6633, -104.9673
Hunter-Lab	57.8597, -25.1604, -17.6937

Details

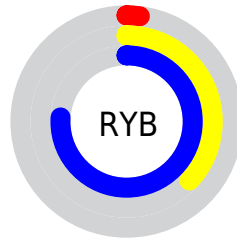
The Hex color **05ACC3** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **C31C05**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **65E4FC**, and **00778D** is the 20% darker color. If you saturate the color by 10%, you get **00ABC3**, and if you desaturate by 10%, it is **18AEC3**.

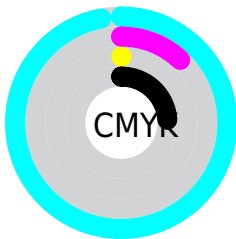
Distribution



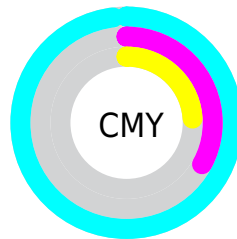
- Red (2%)
- Green (67%)
- Blue (76%)



- Red (2%)
- Yellow (37%)
- Blue (76%)



- Cyan (97%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05ACC3 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 05ACC3 by changing the saturation by 10% instead.

 05ACC3

 05ACC3

FFFFFF

 0091A8

 65E4FC

 00778D

 85FFFF

 005E74

 A4FFFF

 00465B

 C3FFFF

 002F43

 E2FFFF

 001A2D

 000118

 000000

 05ACC3

 05ACC3

■ 00ABC3

■ 18AEC3

■ 2CB1C3

■ 40B3C3

■ 53B5C3

■ 67B8C3

■ 7ABAC3

■ 8EBDC3

■ A1BFC3

■ B5C1C3

Harmonies

Analogous

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



30AEA4



05ACC3



43A6D7

Triad

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



05ACC3



CC87B5



A99D5C

Complementary

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



05ACC3



C31C05

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.



C59262



05ACC3



DA8395

Square

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



05ACC3



AB91CF



D78877



86A669

Rectangle

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



05ACC3



6AA0DC



D78877



B39A5C

Sweetspot

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



05ACC3



B3F4FC



05C31B



537A80



000000



808080

Same Dimension

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



05ACC3



00DEFC



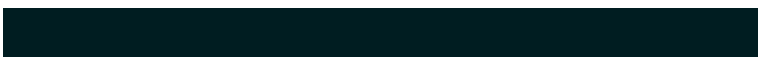
054EC3



576061



008DA1



001D21

Inverse Universe

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



C305AC



FC00DE



C37A05



615760



A1008D



21001D

Previews

White Background



This preview shows how the Hex color 05ACC3 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 05ACC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

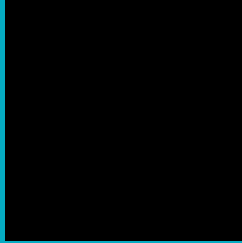
Any Text WCAG AA ✓ Pass

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 05ACC3 Background



This preview shows how black text looks on a background with the Hex color 05ACC3.

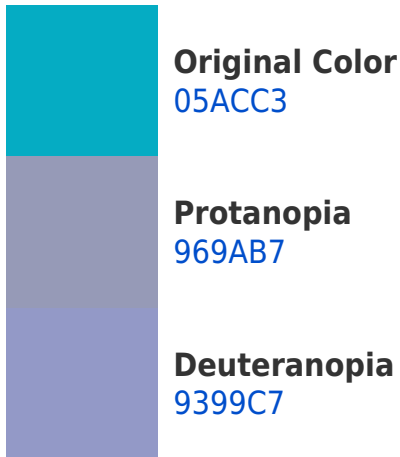


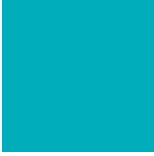
This preview shows how white text looks on a background with the Hex color 05ACC3.

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



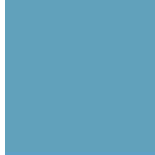


Tritanopia
00ADBB

Trichromacy



Original Color
05ACC3



Protanomaly
61A1BB



Deuteranomaly
5FA0C6



Tritanomaly
02ADBE

Monochromacy



Original Color
05ACC3



Achromatopsia
7D7D7D



Achromatomaly
518E96

CSS Examples

Text

The CSS property to change the color of the text to Hex 05ACC3 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 #05ACC3 looks like.

```
.text, #text, p{  
    color:#05ACC3  
}
```

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 #05ACC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05ACC3
}
```

Border

The CSS property to change the border of an element to Hex 05ACC3 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
#05ACC3 }
```

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

```
.border{ border-color:#05ACC3 }
```

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

Here you see how a box with a 4 pixel #05ACC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05ACC3; -webkit-box-shadow:4px 4px  
4px 4px #05ACC3; box-shadow:4px 4px 4px  
4px #05ACC3 }
```

Background

The CSS property to change the background color of an element to Hex 05ACC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05ACC3 }
```

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

```
.background{ background-color:#05ACC3 }
```

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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