

Converting Colors

Hex(05A7DB)

Have a look what the booklet for
Hex(05A7DB) contains.

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Color

Hex(05A7DB)

Conversions

Conversions Part 1

Format	Color
Hex	05A7DB
RGB	5, 167, 219
RGB Percent	2%, 65%, 86%
CMY	0.9804, 0.3451, 0.1412
CMYK	0.98, 0.24, 0.00, 0.14
HSL	195°, 96%, 44%
HSV	195°, 98%, 86%
XYZ	26.6675, 32.7842, 71.9403
YIQ	124.4900, -113.2440, -18.1720

Conversions

Conversions Part 2

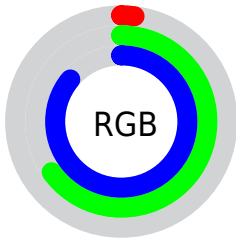
Format	Color
RYB	5, 97, 219
Decimal	370651
CIELab	63.99, -17.44, -36.29
CIELCh	64, 40.260, 244.335
Yxy	32.7842, 0.2030, 0.2495
Android (android.graphics.Color)	4278560731 (0xFF05A7DB)
YUV	124.4900, 46.5934, -104.7927
Hunter-Lab	57.2575, -17.0647, -34.4138

Details

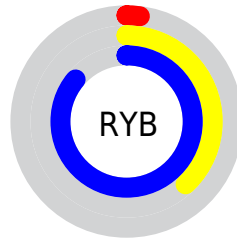
The Hex color **05A7DB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DB3905**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **69DEFF**, and **0073A4** is the 20% darker color. If you saturate the color by 10%, you get **00A6DB**, and if you desaturate by 10%, it is **1BACDB**.

Distribution



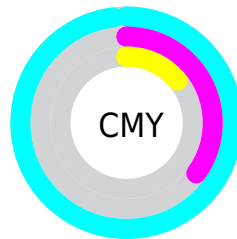
- Red (2%)
- Green (65%)
- Blue (86%)



- Red (2%)
- Yellow (38%)
- Blue (86%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (98%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05A7DB 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 05A7DB by changing the saturation by 10% instead.

05A7DB

05A7DB

FFFFFF

008DBF

69DEFF

0073A4

8AFBFF

005A89

A9FFFF

004370

C8FFFF

002D57

E8FFFF

001A3F

000329

000113

000000

05A7DB

05A7DB

00A6DB

1BACDB

31B2DB

47B7DB

5DBCDB

72C2DB

88C7DB

9ECCDB

B4D2DB

CAD7DB

Harmonies

Analogous

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



00ADC2



05A7DB



6C9DE2

Triad

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



05A7DB



DF7E97



87A55E

Complementary

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



05A7DB



DB3905

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.



AD9B52



05A7DB



DD8374

Square

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



05A7DB



CC83BB



CB8E5B



59AB7B

Rectangle

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



05A7DB



9494DC



CB8E5B



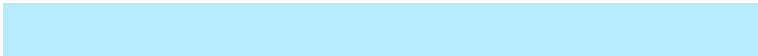
94A258

Sweetspot

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



05A7DB



B5EDFF



05DB37



537580



000000



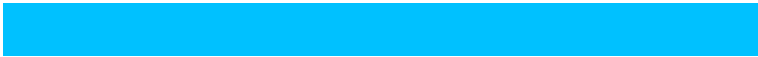
808080

Same Dimension

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



05A7DB



00C1FF



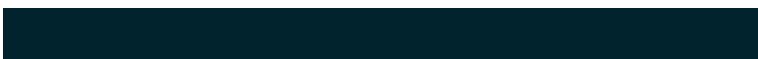
053EDB



636B6E



0083AD



00232E

Inverse Universe

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



DB05A7



FF00C1



DBA205



6E636B



AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 05A7DB 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 05A7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

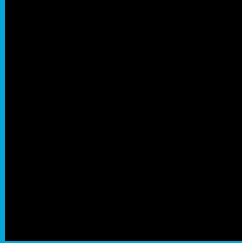
Any Text WCAG AA ✓ Pass

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 05A7DB Background



This preview shows how black text looks on a background with the Hex color 05A7DB.

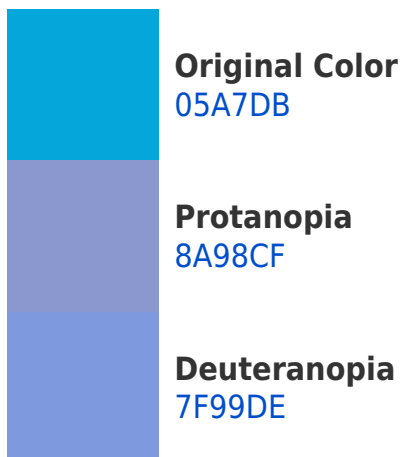


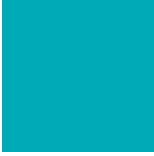
This preview shows how white text looks on a background with the Hex color 05A7DB.

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
00ABB8

Trichromacy



Original Color
05A7DB



Protanomaly
5A9DD3



Deuteranomaly
539EDD



Tritanomaly
02AAC5

Monochromacy



Original Color
05A7DB



Achromatopsia
7C7C7C



Achromatomaly
518C9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 05A7DB 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 #05A7DB looks like.

```
.text, #text, p{  
    color:#05A7DB  
}
```

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 #05A7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A7DB  
}
```

Border

The CSS property to change the border of an element to Hex 05A7DB 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  
#05A7DB }
```

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

```
.border{ border-color:#05A7DB }
```

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

Here you see how a box with a 4 pixel #05A7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A7DB; -webkit-box-shadow:4px 4px  
4px 4px #05A7DB; box-shadow:4px 4px 4px  
4px #05A7DB }
```

Background

The CSS property to change the background color of an element to Hex 05A7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A7DB }
```

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

```
.background{ background-color:#05A7DB }
```

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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