

Converting Colors

Hex(05A8D5)

Have a look what the booklet for
Hex(05A8D5) contains.

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Color

Hex(05A8D5)

Conversions

Conversions Part 1

Format	Color
Hex	05A8D5
RGB	5, 168, 213
RGB Percent	2%, 66%, 84%
CMY	0.9804, 0.3412, 0.1647
CMYK	0.98, 0.21, 0.00, 0.16
HSL	193°, 95%, 43%
HSV	193°, 98%, 84%
XYZ	26.0755, 32.8416, 67.9155
YIQ	124.3930, -111.5930, -20.5610

Conversions

Conversions Part 2

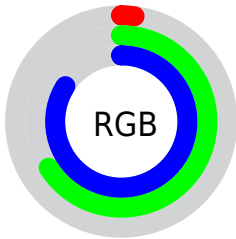
Format	Color
RYB	5, 96, 213
Decimal	370901
CIELab	64.03, -20.08, -32.90
CIELCh	64, 38.540, 238.601
Yxy	32.8416, 0.2056, 0.2589
Android (android.graphics.Color)	4278560981 (0xFF05A8D5)
YUV	124.3930, 43.6833, -104.7077
Hunter-Lab	57.3076, -19.0693, -30.1495

Details

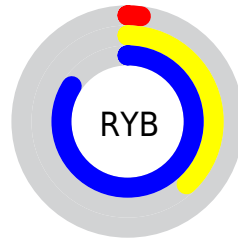
The Hex color **05A8D5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D53205**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68DFFF**, and **00749E** is the 20% darker color. If you saturate the color by 10%, you get **00A7D5**, and if you desaturate by 10%, it is **1AADD5**.

Distribution



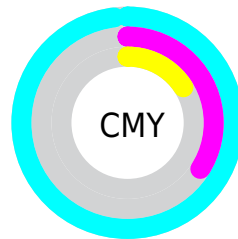
- Red (2%)
- Green (66%)
- Blue (84%)



- Red (2%)
- Yellow (38%)
- Blue (84%)



- Cyan (98%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05A8D5 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 05A8D5 by changing the saturation by 10% instead.

 05A8D5

 05A8D5

FFFFFF

 008DB9

 68DFFF

 00749E

 89FCFF

 005B84

 A8FFFF


 00436A

 C7FFFF

 002D52

 E6FFFF

 001A3B

 000225

 00010D

 000000

■ 05A8D5

■ 05A8D5

■ 00A7D5

■ 1AADD5

■ 30B1D5

■ 45B6D5

■ 5ABAD5

■ 6FBFD5

■ 85C4D5

■ 9AC8D5

■ AFCDD5

■ C5D1D5

Harmonies

Analogous

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



00ADBB



05A8D5



639FDF

Triad

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



05A8D5



DA809E



8FA35D

Complementary

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



05A8D5



D53205

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.



B39956



05A8D5



DC837C

Square

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



05A8D5



C587BF



CE8C61



66AA76

Rectangle

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



05A8D5



8B97DC



CE8C61



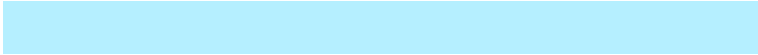
9CA059

Sweetspot

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



05A8D5



B5EFFF



05D52F



537680



000000



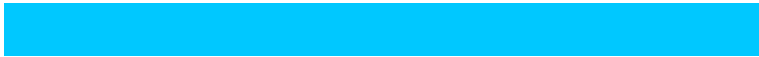
808080

Same Dimension

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



05A8D5



00C8FF



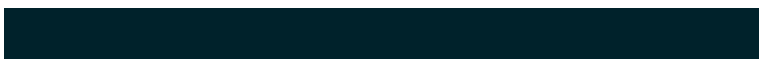
0543D5



60696B



0086AB



00222B

Inverse Universe

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



D505A8



FF00C8



D59705



6B6069



AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 05A8D5 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 05A8D5 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 05A8D5 Background



This preview shows how black text looks on a background with the Hex color 05A8D5.



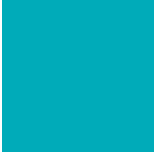
This preview shows how white text looks on a background with the Hex color 05A8D5.

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
00ABB9

Trichromacy



Original Color
05A8D5



Protanomaly
5C9ECD



Deuteranomaly
569ED8



Tritanomaly
02AAC3

Monochromacy



Original Color
05A8D5



Achromatopsia
7C7C7C



Achromatomaly
518C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05A8D5 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 #05A8D5 looks like.

```
.text, #text, p{  
    color:#05A8D5  
}
```

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 #05A8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A8D5
}
```

Border

The CSS property to change the border of an element to Hex 05A8D5 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
#05A8D5 }
```

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

```
.border{ border-color:#05A8D5 }
```

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

Here you see how a box with a 4 pixel #05A8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A8D5; -webkit-box-shadow:4px 4px  
4px 4px #05A8D5; box-shadow:4px 4px 4px  
4px #05A8D5 }
```

Background

The CSS property to change the background color of an element to Hex 05A8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A8D5 }
```

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

```
.background{ background-color:#05A8D5 }
```

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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