

# Converting Colors

Hex(05A2DE)

Have a look what the booklet for  
Hex(05A2DE) contains.

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# **Color**

**Hex(05A2DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05A2DE
RGB	5, 162, 222
RGB Percent	2%, 64%, 87%
CMY	0.9804, 0.3647, 0.1294
CMYK	0.98, 0.27, 0.00, 0.13
HSL	197°, 96%, 45%
HSV	197°, 98%, 87%
XYZ	26.1677, 31.1469, 73.7400
YIQ	121.8970, -112.8320, -14.6240

# Conversions

## Conversions Part 2

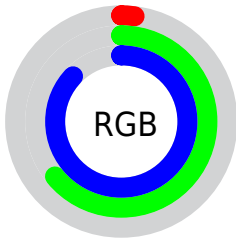
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	5, 96, 222
Decimal	369374
CIE Lab	62.63, -13.66, -40.06
CIE LCh	63, 42.327, 251.177
Yxy	31.1469, 0.1997, 0.2377
Android (android.graphics.Color)	4278559454 (0xFF05A2DE)
YUV	121.8970, 49.3508, -102.5187
Hunter-Lab	55.8094, -13.9718, -39.2723

# Details

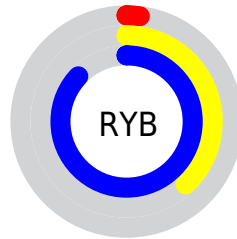
The Hex color **05A2DE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DE4105**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69D9FF**, and **006FA7** is the 20% darker color. If you saturate the color by 10%, you get **00A1DE**, and if you desaturate by 10%, it is **1BA8DE**.

# Distribution



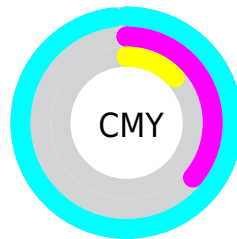
- Red (2%)
- Green (64%)
- Blue (87%)



- Red (2%)
- Yellow (38%)
- Blue (87%)



- Cyan (98%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (36%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05A2DE 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 05A2DE by changing the saturation by 10% instead.



 05A2DE

 05A2DE

FFFFFF

 0088C2

 69D9FF

 006FA7

 8AF5FF

 00568C

 AAFFFF

 003F72

 C9FFFF

 002959

 E8FFFF

 001541

 00032B

 000115

 000000

■ 05A2DE

■ 05A2DE

■ 00A1DE

■ 1BA8DE

■ 31AEDE

■ 48B4DE

■ 5EBBDE

■ 74C1DE

■ 8AC7DE

■ A0CDDE

■ B7D3DE

■ CDD9DE

# Harmonies

## Analogous

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



00A9C8



05A2DE



7497E1

# Triad

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



05A2DE



DF798B



78A45D

# Complementary

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



05A2DE



DE4105

# 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.



A19A4C



05A2DE



D98068

# Square

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



05A2DE



D17CB1



C28D50



43A97E

# Rectangle

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



05A2DE



9D8DD8



C28D50



86A155

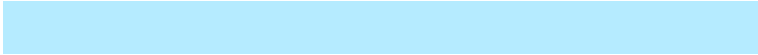


# Sweetspot

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



05A2DE



B5EBFF



05DE3F



537380



000000



808080

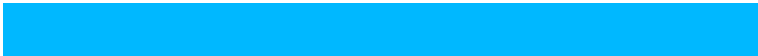


# Same Dimension

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



05A2DE



00B8FF



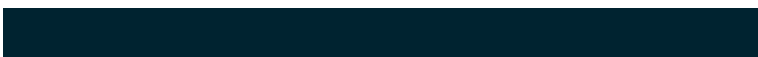
0538DE



656D70



007FB0



002330



# Inverse Universe

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



DE05A2



FF00B8



DEAB05



70656D



B0007F



300023



# Previews

## White Background



This preview shows how the Hex color 05A2DE 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 05A2DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

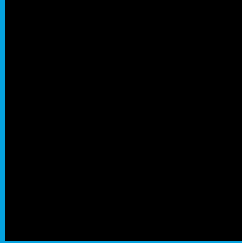
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05A2DE Background



This preview shows how black text looks on a background with the Hex color 05A2DE.

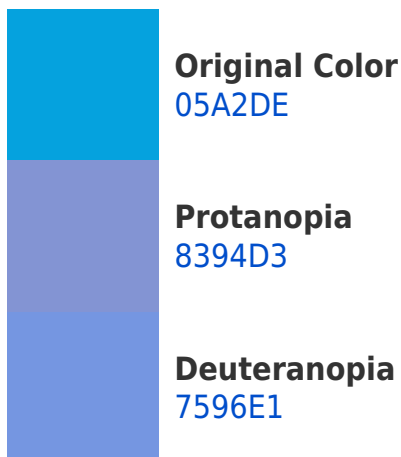


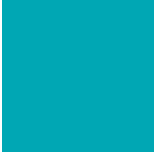
This preview shows how white text looks on a background with the Hex color 05A2DE.

# 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](#).

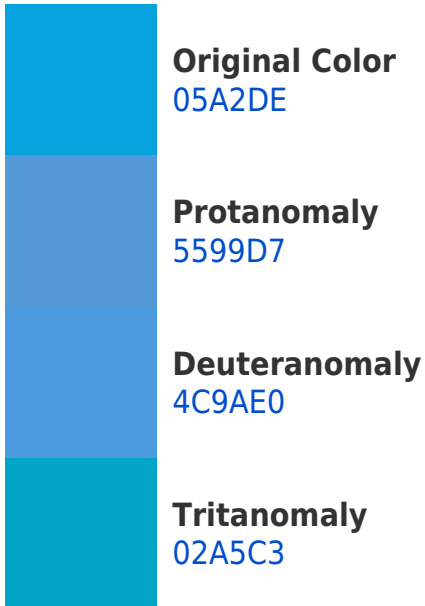
## Dichromacy





**Tritanopia**  
00A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05A2DE 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 #05A2DE looks like.

```
.text, #text, p{  
    color:#05A2DE  
}
```

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 #05A2DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A2DE
}
```

## Border

The CSS property to change the border of an element to Hex 05A2DE 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
#05A2DE }
```

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

```
.border{ border-color:#05A2DE }
```

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

Here you see how a box with a 4 pixel #05A2DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A2DE; -webkit-box-shadow:4px 4px  
4px 4px #05A2DE; box-shadow:4px 4px 4px  
4px #05A2DE }
```

# Background

The CSS property to change the background color of an element to Hex 05A2DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A2DE }
```

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

```
.background{ background-color:#05A2DE }
```

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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