

Converting Colors

Hex(05AAE3)

Have a look what the booklet for
Hex(05AAE3) contains.

| | |
|--|----|
| Hex(05AAE3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(05AAE3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 05AAE3 |
| RGB | 5, 170, 227 |
| RGB Percent | 2%, 67%, 89% |
| CMY | 0.9804, 0.3333, 0.1098 |
| CMYK | 0.98, 0.25, 0.00, 0.11 |
| HSL | 195°, 96%, 45% |
| HSV | 195°, 98%, 89% |
| XYZ | 28.3024, 34.3278, 77.8073 |
| YIQ | 127.1630, -116.6370, -17.2530 |

Conversions

Conversions Part 2

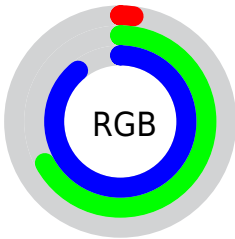
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 5, 100, 227 |
| Decimal | 371427 |
| CIE Lab | 65.22, -16.21, -38.77 |
| CIE LCh | 65, 42.020, 247.311 |
| Yxy | 34.3278, 0.2015, 0.2444 |
| Android (android.graphics.Color) | 4278561507 (0xFF05AAE3) |
| YUV | 127.1630, 49.2196, -107.1370 |
| Hunter-Lab | 58.5899, -16.3061, -37.7241 |

Details

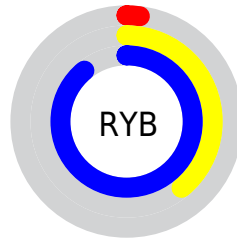
The Hex color **05AAE3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E33E05**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BE1FF**, and **0076AB** is the 20% darker color. If you saturate the color by 10%, you get **00A9E3**, and if you desaturate by 10%, it is **1CB0E3**.

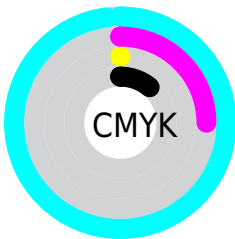
Distribution



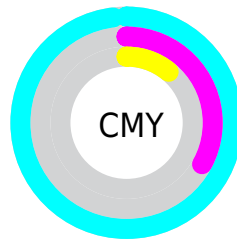
- Red (2%)
- Green (67%)
- Blue (89%)



- Red (2%)
- Yellow (39%)
- Blue (89%)



- Cyan (98%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05AAE3 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 05AAE3 by changing the saturation by 10% instead.

05AAE3

05AAE3

FFFFFF

0090C7

6BE1FF

0076AB

8CFE FF

005D91

ACFFFF

004677

CBFFFF

002F5E

EAFFFF

001C46

00042F

000119

000000

■ 05AAE3

■ 05AAE3

■ 00A9E3

■ 1CB0E3

■ 32B6E3

■ 49BBE3

■ 60C1E3

■ 77C7E3

■ 8DCDE3

■ A4D3E3

■ BBD9E3

■ D1DEE3

Harmonies

Analogous

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



00B0CB



05AAE3



739FE9

Triad

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



05AAE3



E68096



85A961

Complementary

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



05AAE3



E33E05

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.



AD9F52



05AAE3



E28673

Square

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



05AAE3



D584BC



CD9259



53B080

Rectangle

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



05AAE3



9D96E1



CD9259



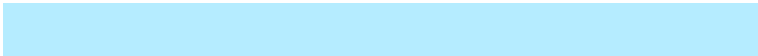
93A65A

Sweetspot

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



05AAE3



B5ECFF



05E33D



537480



000000



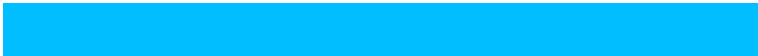
808080

Same Dimension

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



05AAE3



00BEFF



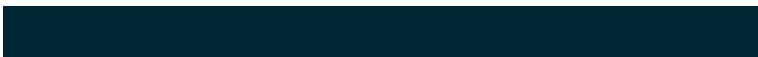
053DE3



677073



0085B3



002633

Inverse Universe

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



E305AA



FF00BE



E3AB05



736770



B30085



330026

Previews

White Background



This preview shows how the Hex color 05AAE3 looks on a white background.

Color Contrast Check

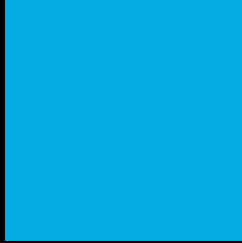
Large Text (above 18pt) WCAG AA × Fail

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 05AAE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

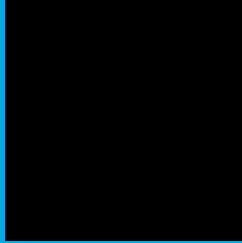
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

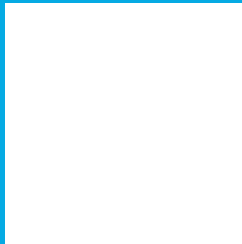
Any Text WCAG AAA ✓ Pass

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

Hex 05AAE3 Background



This preview shows how black text looks on a background with the Hex color 05AAE3.

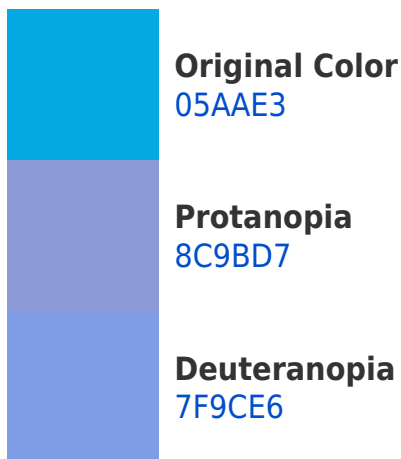


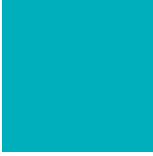
This preview shows how white text looks on a background with the Hex color 05AAE3.

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](#).

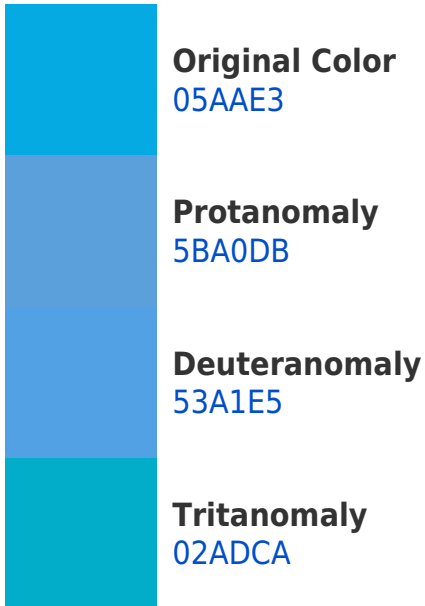
Dichromacy



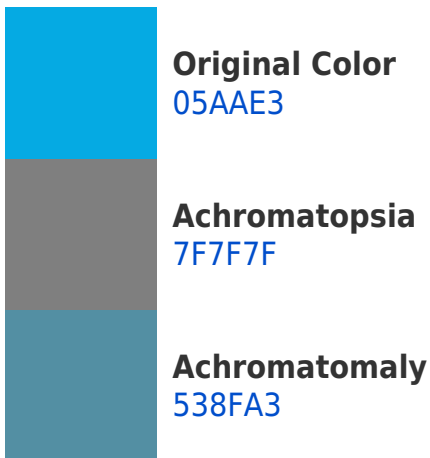


Tritanopia
00AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 05AAE3 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 #05AAE3 looks like.

```
.text, #text, p{  
    color:#05AAE3  
}
```

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 #05AAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05AAE3
}
```

Border

The CSS property to change the border of an element to Hex 05AAE3 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
#05AAE3 }
```

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

```
.border{ border-color:#05AAE3 }
```

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

Here you see how a box with a 4 pixel #05AAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05AAE3; -webkit-box-shadow:4px 4px  
4px 4px #05AAE3; box-shadow:4px 4px 4px  
4px #05AAE3 }
```

Background

The CSS property to change the background color of an element to Hex 05AAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05AAE3 }
```

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

```
.background{ background-color:#05AAE3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor