

Converting Colors

Hex(0AECC6)

Have a look what the booklet for
Hex(0AECC6) contains.

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Color

Hex(0AECC6)

Conversions

Conversions Part 1

Format	Color
Hex	0AECC6
RGB	10, 236, 198
RGB Percent	4%, 93%, 78%
CMY	0.9608, 0.0745, 0.2235
CMYK	0.96, 0.00, 0.16, 0.07
HSL	170°, 92%, 48%
HSV	170°, 96%, 93%
XYZ	40.3137, 64.1327, 63.6802
YIQ	164.0940, -122.4980, -59.7300

Conversions

Conversions Part 2

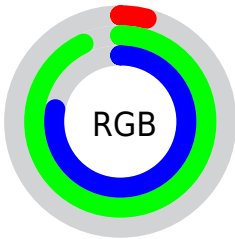
Format	Color
RYB	10, 133, 236
Decimal	715974
CIELab	84.03, -55.51, 5.22
CIELCh	84, 55.758, 174.629
Yxy	64.1327, 0.2398, 0.3815
Android (android.graphics.Color)	4278906054 (0xFF0AECC6)
YUV	164.0940, 16.7157, -135.1404
Hunter-Lab	80.0829, -50.2882, 8.9119

Details

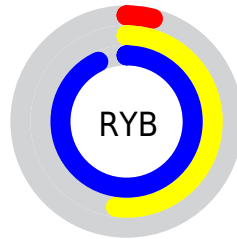
The Hex color **0AECC6** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **EC0A30**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **72FFFF**, and **00B390** is the 20% darker color. If you saturate the color by 10%, you get **00ECC4**, and if you desaturate by 10%, it is **22ECCA**.

Distribution



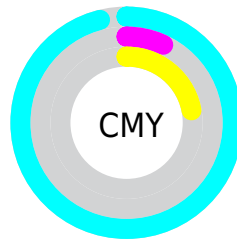
- Red (4%)
- Green (93%)
- Blue (78%)



- Red (4%)
- Yellow (52%)
- Blue (93%)



- Cyan (96%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (96%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AECC6 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 0AECC6 by changing the saturation by 10% instead.

 0AECC6

 0AECC6


FFFFFF

 00CFAB

 72FFFF

 00B390

 94FFFF

 009777

 B4FFFF

 007D5E

 D4FFFF

 006246

 F4FFFF

 004930

 00321B

 001701

 000000

0AECC6

0AECC6

00ECC4

22ECCA

39ECCE

51ECD2

68ECD6

80ECDA

98ECDE

AFECE2

C7ECE6

DEECEA

Harmonies

Analogous

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



87E793



0AECC6



00ECFC

Triad

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



0AECC6



C7C8FF



FFB87D

Complementary

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



0AECC6



EC0A30

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.



FFA9A9



0AECC6



FFB4FF

Square

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



0AECC6



5FDAFF



FFA7DD



FACB67

Rectangle

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



0AECC6



00E9FF



FFA7DD



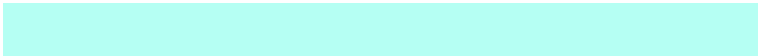
FFB28A

Sweetspot

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



0AECC6



B5FFF3



33EC0A



538078



000000



808080

Same Dimension

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



0AECC6



00FFD4



0AA4EC



6A7573



00B597



00362D

Inverse Universe

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



EC0A30



FF002B



EC520A



756A6C



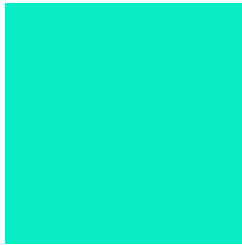
B5001E



360009

Previews

White Background



This preview shows how the Hex color 0AECC6 looks on a white background.

Color Contrast Check

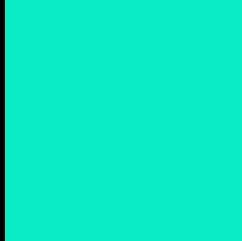
Large Text (above 18pt) WCAG AA × Fail

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 0AECC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

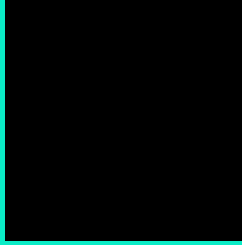
Any Text WCAG AA ✓ Pass

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 0AECC6 Background



This preview shows how black text looks on a background with the Hex color 0AECC6.



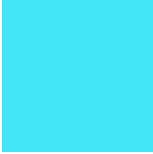
This preview shows how white text looks on a background with the Hex color 0AECC6.

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



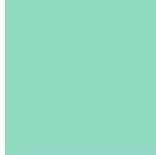


Tritanopia
44E5F8

Trichromacy



Original Color
0AECC6



Protanomaly
8EDABC



Deuteranomaly
95D6CB



Tritanomaly
2FE8E6

Monochromacy



Original Color
0AECC6



Achromatopsia
A4A4A4



Achromatomaly
6CBEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AECC6 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 #0AECC6 looks like.

```
.text, #text, p{  
    color:#0AECC6  
}
```

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 #0AECC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AECC6
}
```

Border

The CSS property to change the border of an element to Hex 0AECC6 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
#0AECC6 }
```

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

```
.border{ border-color:#0AECC6 }
```

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

Here you see how a box with a 4 pixel #0AECC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AECC6; -webkit-box-shadow:4px 4px  
4px 4px #0AECC6; box-shadow:4px 4px 4px  
4px #0AECC6 }
```

Background

The CSS property to change the background color of an element to Hex 0AECC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AECC6 }
```

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

```
.background{ background-color:#0AECC6 }
```

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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