

Converting Colors

Hex(0AA5C4)

Have a look what the booklet for
Hex(0AA5C4) contains.

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Color

Hex(0AA5C4)

Conversions

Conversions Part 1

Format	Color
Hex	0AA5C4
RGB	10, 165, 196
RGB Percent	4%, 65%, 77%
CMY	0.9608, 0.3529, 0.2314
CMYK	0.95, 0.16, 0.00, 0.23
HSL	190°, 90%, 40%
HSV	190°, 95%, 77%
XYZ	23.5441, 30.9603, 56.9596
YIQ	122.1890, -102.3310, -23.2190

Conversions

Conversions Part 2

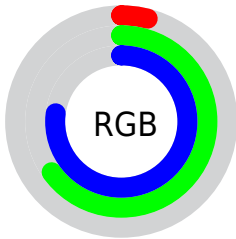
Format	Color
RYB	10, 95, 196
Decimal	697796
CIELab	62.47, -24.23, -25.85
CIELCh	62, 35.434, 226.848
Yxy	30.9603, 0.2112, 0.2778
Android (android.graphics.Color)	4278887876 (0xFF0AA5C4)
YUV	122.1890, 36.3888, -98.3898
Hunter-Lab	55.6420, -21.8438, -21.7446

Details

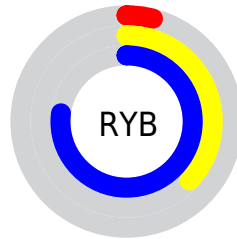
The Hex color **0AA5C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C4290A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65DCFD**, and **00718E** is the 20% darker color. If you saturate the color by 10%, you get **00A3C4**, and if you desaturate by 10%, it is **1EA8C4**.

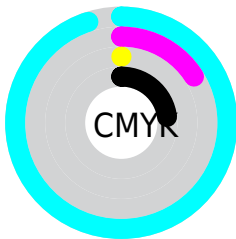
Distribution



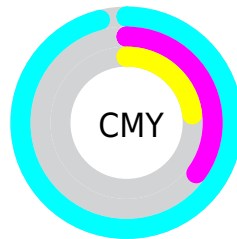
- Red (4%)
- Green (65%)
- Blue (77%)



- Red (4%)
- Yellow (37%)
- Blue (77%)



- Cyan (95%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AA5C4 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 0AA5C4 by changing the saturation by 10% instead.

0AA5C4

0AA5C4

FFFFFF

008BA9

65DCFD

00718E

85F9FF

005875

A4FFFF

00405C

C3FFFF

002A44

E1FFFF

00122E

000119

000000

0AA5C4

0AA5C4

■ 00A3C4

■ 1EA8C4

■ 31ACC4

■ 45AFC4

■ 58B2C4

■ 6CB5C4

■ 80B9C4

■ 93BCC4

■ A7BFC4

■ BAC2C4

Harmonies

Analogous

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



18A8A8



0AA5C4



4F9ED4

Triad

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



0AA5C4



CB80A6



9A9B5A

Complementary

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



0AA5C4



C4290A

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.



B8905A



0AA5C4



D47F86

Square

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



0AA5C4



B188C2



CD866B



76A36B

Rectangle

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



0AA5C4



7598D5



CD866B



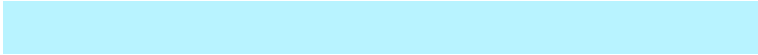
A59858

Sweetspot

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



0AA5C4



B8F3FF



0AC429



547880



000000



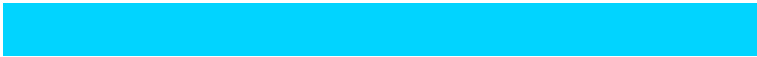
808080

Same Dimension

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



0AA5C4



00D4FF



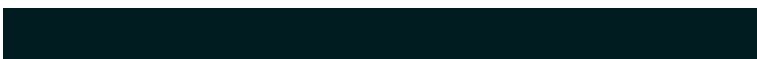
0A48C4



575F61



0086A1



001C21

Inverse Universe

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



C40AA5



FF00D5



C4860A



61575F



A10086



21001C

Previews

White Background



This preview shows how the Hex color 0AA5C4 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 0AA5C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

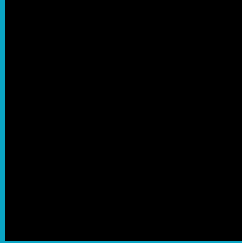
Any Text WCAG AA ✓ Pass

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 0AA5C4 Background



This preview shows how black text looks on a background with the Hex color 0AA5C4.

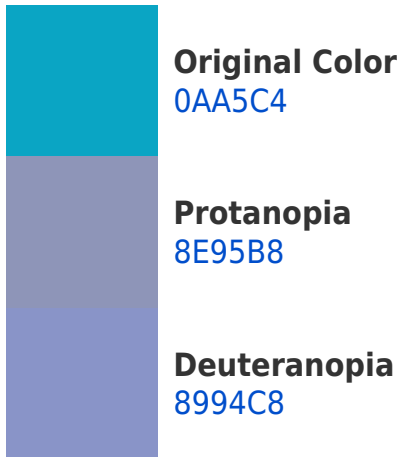


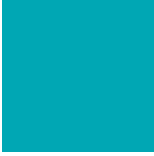
This preview shows how white text looks on a background with the Hex color 0AA5C4.

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](#).

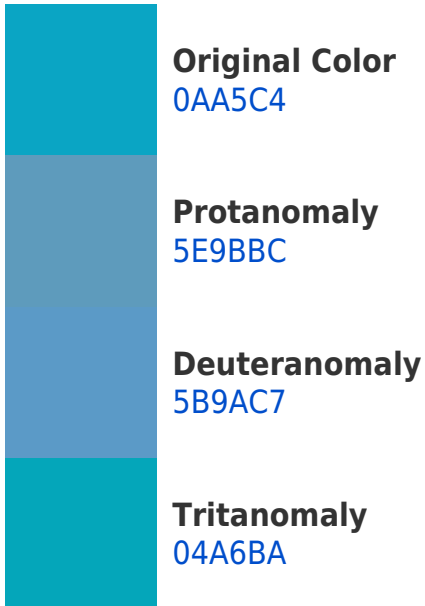
Dichromacy



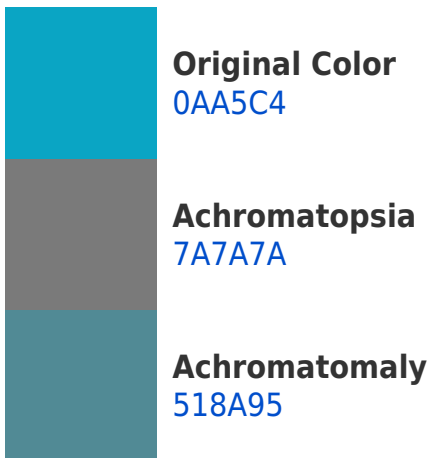


Tritanopia
00A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0AA5C4 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 #0AA5C4 looks like.

```
.text, #text, p{  
    color:#0AA5C4  
}
```

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 #0AA5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA5C4
}
```

Border

The CSS property to change the border of an element to Hex 0AA5C4 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
#0AA5C4 }
```

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

```
.border{ border-color:#0AA5C4 }
```

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

Here you see how a box with a 4 pixel #0AA5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA5C4; -webkit-box-shadow:4px 4px  
4px 4px #0AA5C4; box-shadow:4px 4px 4px  
4px #0AA5C4 }
```

Background

The CSS property to change the background color of an element to Hex 0AA5C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA5C4 }
```

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

```
.background{ background-color:#0AA5C4 }
```

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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