

# Converting Colors

Hex(0AA2A5)

Have a look what the booklet for  
Hex(0AA2A5) contains.

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# Color

Hex(0AA2A5)

# Conversions

## Conversions Part 1

Format	Color
Hex	0AA2A5
RGB	10, 162, 165
RGB Percent	4%, 64%, 65%
CMY	0.9608, 0.3647, 0.3529
CMYK	0.94, 0.02, 0.00, 0.35
HSL	181°, 89%, 34%
HSV	181°, 94%, 65%
XYZ	19.8370, 28.6218, 40.0763
YIQ	116.8940, -91.5550, -31.2910

# Conversions

## Conversions Part 2

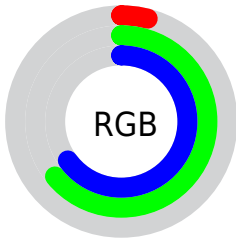
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 87, 165
Decimal	696997
CIELab	60.45, -32.93, -11.53
CIELCh	60, 34.884, 199.294
Yxy	28.6218, 0.2241, 0.3233
Android (android.graphics.Color)	4278887077 (0xFF0AA2A5)
YUV	116.8940, 23.7163, -93.7460
Hunter-Lab	53.4993, -27.4378, -6.9646

# Details

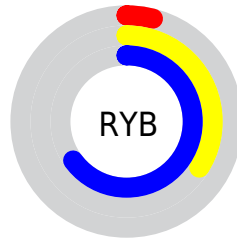
The Hex color **0AA2A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A50D0A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60D9DC**, and **006E71** is the 20% darker color. If you saturate the color by 10%, you get **00A2A5**, and if you desaturate by 10%, it is **1BA2A5**.

# Distribution



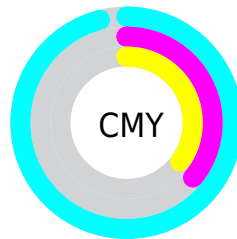
- Red (4%)
- Green (64%)
- Blue (65%)



- Red (4%)
- Yellow (34%)
- Blue (65%)



- Cyan (94%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (36%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AA2A5 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 0AA2A5 by changing the saturation by 10% instead.





0AA2A5



0AA2A5

FFFFFF



00878B



60D9DC



006E71



7FF6F8



005559



9DFFFF



003D41



BBFFFF



00272B



D9FFFF



000418



F8FFFF



000000



0AA2A5



0AA2A5



00A2A5



1BA2A5

 2BA3A5

 3BA3A5

 4CA3A5

 5CA4A5

 6DA4A5

 7EA4A5

 8EA5A5

 9EA5A5

# Harmonies

## Analogous

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



46A185



0AA2A5



089FBF

# Triad

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



0AA2A5



AE83BA



B08C55

# Complementary

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



0AA2A5



A50D0A

# 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.



C58264



0AA2A5



C67B9E

# Square

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



0AA2A5



858ECC



CE7A7F



929657

# Rectangle

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



0AA2A5



3C9BCB



CE7A7F



B88859



# Sweetspot

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



0AA2A5



9AD5D6



0AA50D



476A6B



EBEBEB



6B6B6B

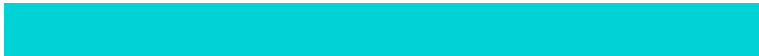


# Same Dimension

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



0AA2A5



00D2D6



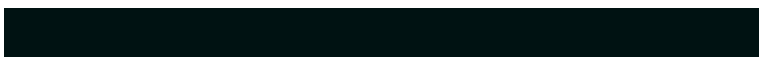
0A55A5



495152



008F91



001212



# Inverse Universe

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



A50AA2



D600D2



A55A0A



524951



91008F



120012



# Previews

## White Background



This preview shows how the Hex color 0AA2A5 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0AA2A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

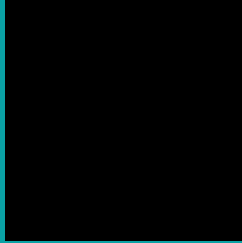
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0AA2A5 Background



This preview shows how black text looks on a background with the Hex color 0AA2A5.

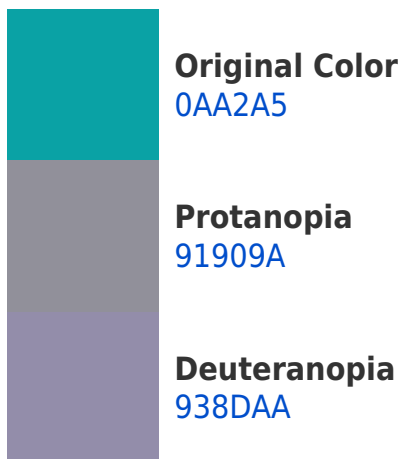


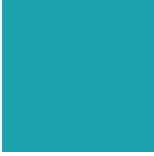
This preview shows how white text looks on a background with the Hex color 0AA2A5.

# 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





# Trichromacy



**Original Color**  
0AA2A5



**Protanomaly**  
60979E



**Deuteranomaly**  
6195A8



**Tritanomaly**  
15A1AB

# Monochromacy



**Original Color**  
0AA2A5



**Achromatopsia**  
757575



**Achromatomaly**  
4E8586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AA2A5 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 #0AA2A5 looks like.

```
.text, #text, p{  
    color:#0AA2A5  
}
```

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 #0AA2A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA2A5  
}
```

## Border

The CSS property to change the border of an element to Hex 0AA2A5 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  
#0AA2A5 }
```

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

```
.border{ border-color:#0AA2A5 }
```

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

Here you see how a box with a 4 pixel #0AA2A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA2A5; -webkit-box-shadow:4px 4px  
4px 4px #0AA2A5; box-shadow:4px 4px 4px  
4px #0AA2A5 }
```

# Background

The CSS property to change the background color of an element to Hex 0AA2A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA2A5 }
```

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

```
.background{ background-color:#0AA2A5 }
```

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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