

# Converting Colors

Hex(0FA1A6)

Have a look what the booklet for  
Hex(0FA1A6) contains.

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# Color

Hex(0FA1A6)

# Conversions

## Conversions Part 1

Format	Color
Hex	0FA1A6
RGB	15, 161, 166
RGB Percent	6%, 63%, 65%
CMY	0.9412, 0.3686, 0.3490
CMYK	0.91, 0.03, 0.00, 0.35
HSL	182°, 83%, 35%
HSV	182°, 91%, 65%
XYZ	19.8248, 28.3445, 40.5025
YIQ	117.9160, -88.6210, -29.3970

# Conversions

## Conversions Part 2

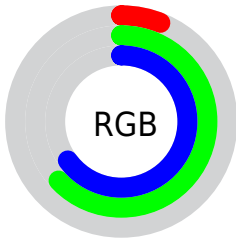
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 89, 166
Decimal	1024422
CIE <sub>Lab</sub>	60.20, -31.92, -12.46
CIE <sub>LCh</sub>	60, 34.264, 201.324
Yxy	28.3445, 0.2236, 0.3197
Android (android.graphics.Color)	4279214502 (0xFF0FA1A6)
YUV	117.9160, 23.7054, -90.2573
Hunter-Lab	53.2395, -26.7011, -7.8378

# Details

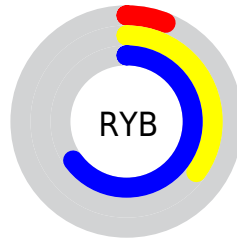
The Hex color **0FA1A6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A6140F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **61D8DD**, and **006D72** is the 20% darker color. If you saturate the color by 10%, you get **00A1A6**, and if you desaturate by 10%, it is **20A2A6**.

# Distribution



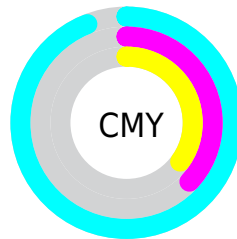
- Red (6%)
- Green (63%)
- Blue (65%)



- Red (6%)
- Yellow (35%)
- Blue (65%)



- Cyan (91%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (37%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FA1A6 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 0FA1A6 by changing the saturation by 10% instead.





0FA1A6



0FA1A6

FFFFFF



00868C



61D8DD



006D72



80F5FA



00545A



9EFFFF



003C42



BCFFFF



00272C



DAFFFF



000318



F8FFFF



000000



0FA1A6



0FA1A6



00A1A6



20A2A6

 30A2A6

 41A3A6

 51A3A6

 62A4A6

 73A4A6

 83A5A6

 94A5A6

 A4A6A6

# Harmonies

## Analogous

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



44A187



0FA1A6



189EBF

# Triad

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



0FA1A6



AF82B7



AD8C55

# Complementary

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



0FA1A6



A6140F

# 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.



C28263



0FA1A6



C67A9B

# Square

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



0FA1A6



888DC9



CC7B7D



8F9658

# Rectangle

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



0FA1A6



4299CA



CC7B7D



B58958



# Sweetspot

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



0FA1A6



9ED7D9



0FA612



4B6C6E



EDEDED



6E6E6E



# Same Dimension

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



0FA1A6



00D2D9



0F58A6



4C5454



008F94



001414



# Inverse Universe

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



A60FA1



D900D2



A65D0F



544C54



94008F



140014



# Previews

## White Background



This preview shows how the Hex color 0FA1A6 looks on a white background.

## Color Contrast Check

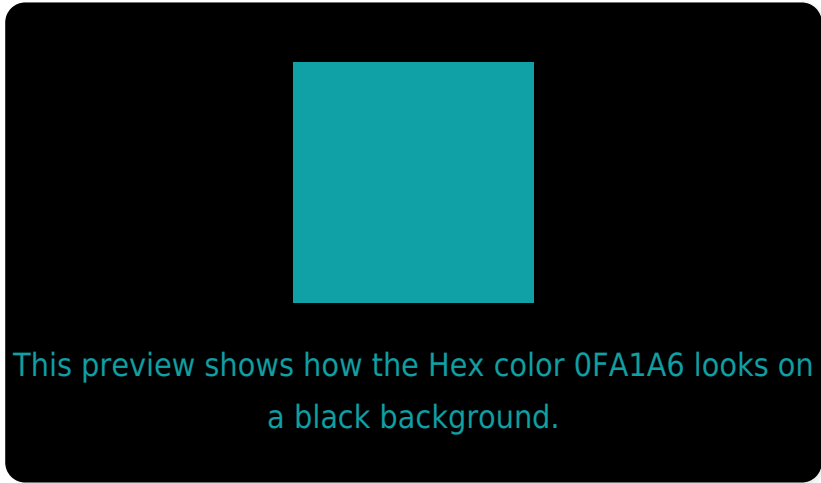
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

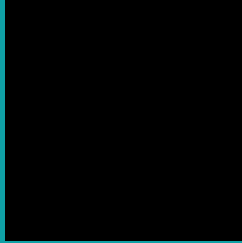
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0FA1A6 Background



This preview shows how black text looks on a background with the Hex color 0FA1A6.

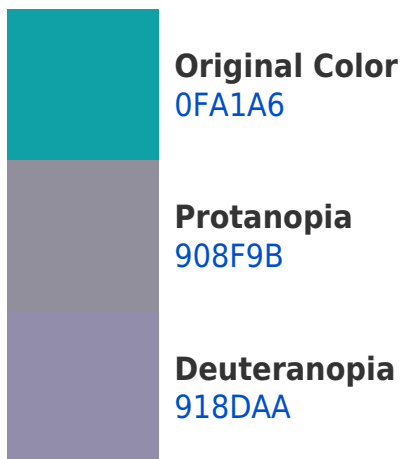


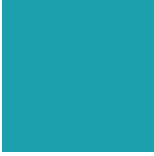
This preview shows how white text looks on a background with the Hex color 0FA1A6.

# 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**  
0FA1A6



**Protanomaly**  
61969F



**Deuteranomaly**  
6294A9



**Tritanomaly**  
17A0AA

# Monochromacy



**Original Color**  
0FA1A6



**Achromatopsia**  
767676



**Achromatomaly**  
518687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FA1A6 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 #0FA1A6 looks like.

```
.text, #text, p{  
    color:#0FA1A6  
}
```

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 #0FA1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA1A6
}
```

## Border

The CSS property to change the border of an element to Hex 0FA1A6 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
#0FA1A6 }
```

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

```
.border{ border-color:#0FA1A6 }
```

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

Here you see how a box with a 4 pixel #0FA1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA1A6; -webkit-box-shadow:4px 4px  
4px 4px #0FA1A6; box-shadow:4px 4px 4px  
4px #0FA1A6 }
```

# Background

The CSS property to change the background color of an element to Hex 0FA1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA1A6 }
```

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

```
.background{ background-color:#0FA1A6 }
```

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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