

Converting Colors

Hex(0FA4A6)

Have a look what the booklet for
Hex(0FA4A6) contains.

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Color

Hex(0FA4A6)

Conversions

Conversions Part 1

Format	Color
Hex	0FA4A6
RGB	15, 164, 166
RGB Percent	6%, 64%, 65%
CMY	0.9412, 0.3569, 0.3490
CMYK	0.91, 0.01, 0.00, 0.35
HSL	181°, 83%, 35%
HSV	181°, 91%, 65%
XYZ	20.3554, 29.4057, 40.6794
YIQ	119.6770, -89.4460, -30.9660

Conversions

Conversions Part 2

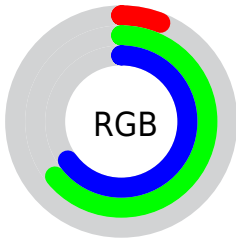
Format	Color
RYB	15, 90, 166
Decimal	1025190
CIELab	61.14, -33.34, -11.05
CIElCh	61, 35.128, 198.334
Yxy	29.4057, 0.2251, 0.3251
Android (android.graphics.Color)	4279215270 (0xFF0FA4A6)
YUV	119.6770, 22.8372, -91.8017
Hunter-Lab	54.2270, -27.8930, -6.5186

Details

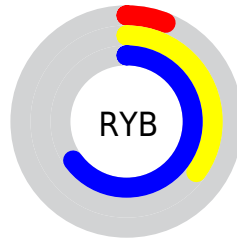
The Hex color **0FA4A6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A6110F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62DCDD**, and **006F72** is the 20% darker color. If you saturate the color by 10%, you get **00A4A6**, and if you desaturate by 10%, it is **20A4A6**.

Distribution



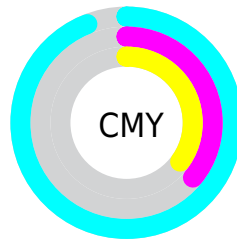
- Red (6%)
- Green (64%)
- Blue (65%)



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



- Cyan (91%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA4A6 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 0FA4A6 by changing the saturation by 10% instead.


 0FA4A6

 0FA4A6

FFFFFF

 00898C

 62DCDD

 006F72

 81F8FA

 00575A

 9FFFFFF

 003F42

 BDFFFF

 00282C

 DBFFF

 000918

 F9FFF

 000000

 0FA4A6

 0FA4A6

 00A4A6

 20A4A6

 30A4A6

 41A5A6

 51A5A6

 62A5A6

 73A5A6

 83A6A6

 94A6A6

 A4A6A6

Harmonies

Analogous

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



48A386



0FA4A6



06A1C1

Triad

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



0FA4A6



AF85BD



B28E57

Complementary

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



0FA4A6



A6110F

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.



C88366



0FA4A6



C87CA1

Square

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



0FA4A6



8590CE



D07C82



959857

Rectangle

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



0FA4A6



3B9DCD



D07C82



BB8A5A

Sweetspot

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



0FA4A6



9ED8D9



0FA60F



4B6D6E



EDEDED



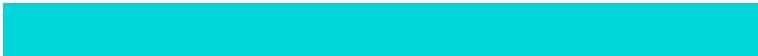
6E6E6E

Same Dimension

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



0FA4A6



00D6D9



0F5AA6



4C5454



009294



001414

Inverse Universe

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



A60FA4



D900D6



A65A0F



544C54



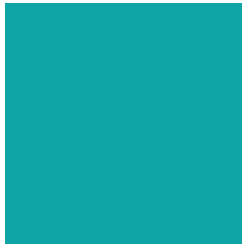
940092



140014

Previews

White Background



This preview shows how the Hex color 0FA4A6 looks on a white background.

Color Contrast Check

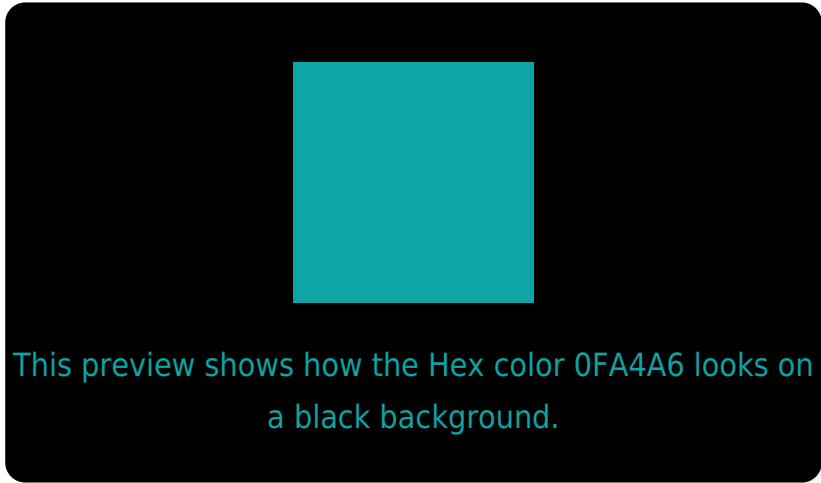
Large Text (above 18pt) WCAG AA ✓ Pass

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

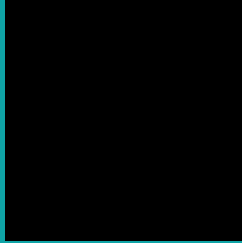
Any Text WCAG AA ✓ Pass

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 0FA4A6 Background



This preview shows how black text looks on a background with the Hex color 0FA4A6.

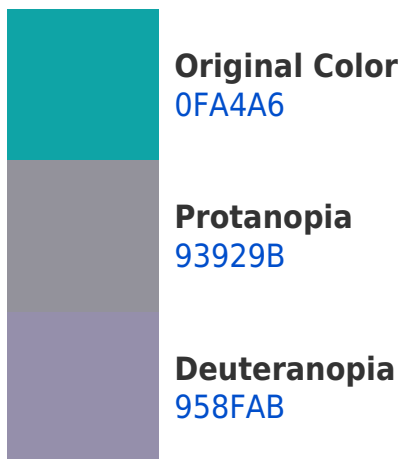


This preview shows how white text looks on a background with the Hex color 0FA4A6.

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
1FA2B0

Trichromacy



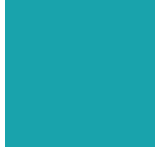
Original Color
0FA4A6



Protanomaly
63999F



Deuteranomaly
6497A9



Tritanomaly
19A3AC

Monochromacy



Original Color
0FA4A6



Achromatopsia
787878



Achromatomaly
528889

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA4A6 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 #0FA4A6 looks like.

```
.text, #text, p{  
    color:#0FA4A6  
}
```

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 #0FA4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA4A6
}
```

Border

The CSS property to change the border of an element to Hex 0FA4A6 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
#0FA4A6 }
```

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

```
.border{ border-color:#0FA4A6 }
```

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

Here you see how a box with a 4 pixel #0FA4A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA4A6; -webkit-box-shadow:4px 4px  
4px 4px #0FA4A6; box-shadow:4px 4px 4px  
4px #0FA4A6 }
```

Background

The CSS property to change the background color of an element to Hex 0FA4A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA4A6 }
```

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

```
.background{ background-color:#0FA4A6 }
```

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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