

Converting Colors

Hex(16A1AA)

Have a look what the booklet for
Hex(16A1AA) contains.

Hex(16A1AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16A1AA)

Conversions

Conversions Part 1

Format	Color
Hex	16A1AA
RGB	22, 161, 170
RGB Percent	9%, 63%, 67%
CMY	0.9137, 0.3686, 0.3333
CMYK	0.87, 0.05, 0.00, 0.33
HSL	184°, 77%, 38%
HSV	184°, 87%, 67%
XYZ	20.3314, 28.5626, 42.4718
YIQ	120.4650, -85.7330, -26.6690

Conversions

Conversions Part 2

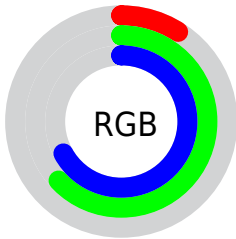
Format	Color
R_{YB}	22, 94, 170
Decimal	1483178
CIE _{Lab}	60.39, -30.25, -14.42
CIE _{LCh}	60, 33.514, 205.481
Yxy	28.5626, 0.2225, 0.3126
Android (android.graphics.Color)	4279673258 (0xFF16A1AA)
YUV	120.4650, 24.4208, -86.3538
Hunter-Lab	53.4440, -25.6210, -9.7068

Details

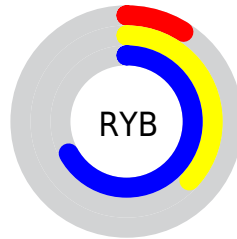
The Hex color **16A1AA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA1F16**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64D8E1**, and **006D76** is the 20% darker color. If you saturate the color by 10%, you get **05A0AA**, and if you desaturate by 10%, it is **27A2AA**.

Distribution



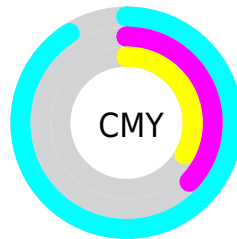
- Red (9%)
- Green (63%)
- Blue (67%)



- Red (9%)
- Yellow (37%)
- Blue (67%)



- Cyan (87%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (91%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A1AA 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 16A1AA by changing the saturation by 10% instead.

 16A1AA

 16A1AA

FFFFFF

 008690

 64D8E1

 006D76

 82F5FE

 00545D

 A0FFFF

 003C46

 BEFFFF

 00272F

 DCFFFF

 00041B

 FBFFFF

 000000

 16A1AA

 16A1AA

 05A0AA

 27A2AA

00A0AA

38A3AA

49A4AA

5AA5AA

6BA6AA

7CA7AA

8DA8AA

9EA9AA

AFAAAA

Harmonies

Analogous

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



41A18C



16A1AA



299DC1

Triad

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



16A1AA



B381B3



A98E56

Complementary

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



16A1AA



AA1F16

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.



C08462



16A1AA



C77B97

Square

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



16A1AA



8F8CC7



CB7C7A



8B975B

Rectangle

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



16A1AA



4D99CA



CB7C7A



B28B59

Sweetspot

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



16A1AA



A4DADE



16AA1D



4D6E70



F0F0F0



707070

Same Dimension

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



16A1AA



00D0DE



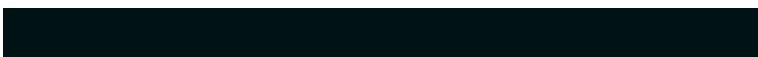
1659AA



4C5454



008B94



001314

Inverse Universe

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



AA16A1



DE00D0



AA6716



544C54



94008B



140013

Previews

White Background



This preview shows how the Hex color 16A1AA 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 16A1AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

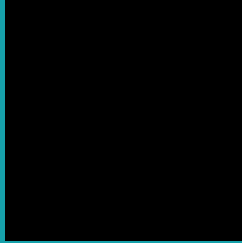
Any Text WCAG AA ✓ Pass

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 16A1AA Background



This preview shows how black text looks on a background with the Hex color 16A1AA.

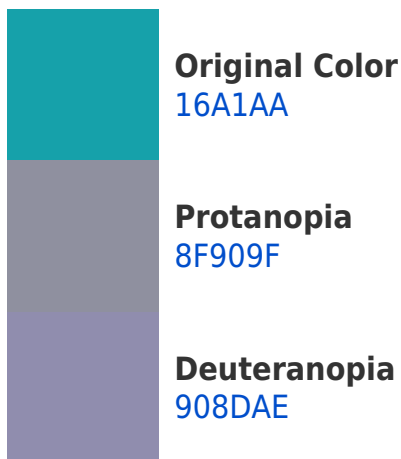


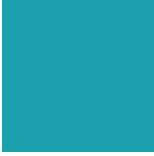
This preview shows how white text looks on a background with the Hex color 16A1AA.

Color Blindness Simulation

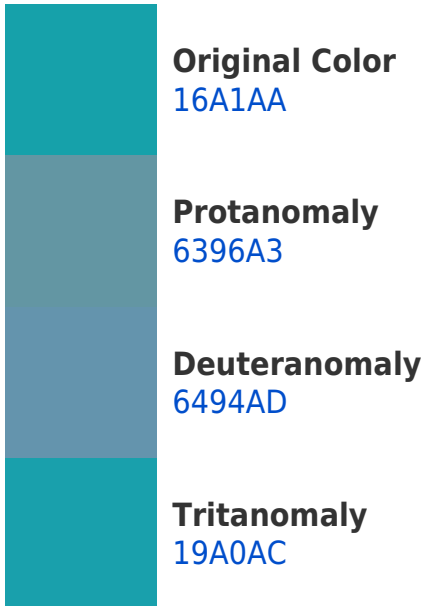
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

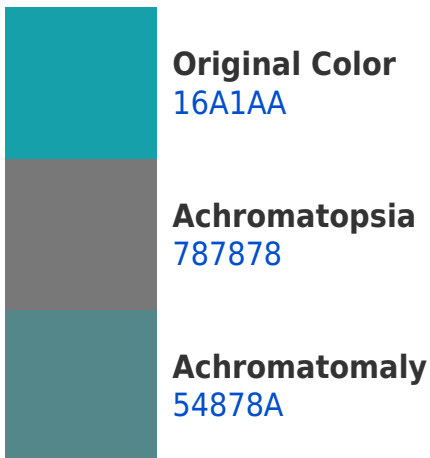




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A1AA 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 #16A1AA looks like.

```
.text, #text, p{  
    color:#16A1AA  
}
```

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 #16A1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A1AA
}
```

Border

The CSS property to change the border of an element to Hex 16A1AA 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
#16A1AA }
```

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

```
.border{ border-color:#16A1AA }
```

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

Here you see how a box with a 4 pixel #16A1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A1AA; -webkit-box-shadow:4px 4px  
4px 4px #16A1AA; box-shadow:4px 4px 4px  
4px #16A1AA }
```

Background

The CSS property to change the background color of an element to Hex 16A1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A1AA }
```

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

```
.background{ background-color:#16A1AA }
```

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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