

Converting Colors

Hex(16A1A7)

Have a look what the booklet for
Hex(16A1A7) contains.

Hex(16A1A7)	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(16A1A7)

Conversions

Conversions Part 1

Format	Color
Hex	16A1A7
RGB	22, 161, 167
RGB Percent	9%, 63%, 65%
CMY	0.9137, 0.3686, 0.3451
CMYK	0.87, 0.04, 0.00, 0.35
HSL	182°, 77%, 37%
HSV	182°, 87%, 65%
XYZ	20.0508, 28.4503, 40.9939
YIQ	120.1230, -84.7700, -27.6020

Conversions

Conversions Part 2

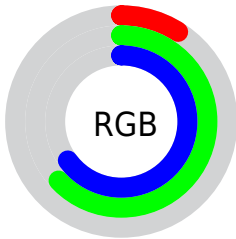
Format	Color
R_{YB}	22, 93, 167
Decimal	1483175
CIE _{Lab}	60.29, -31.20, -12.88
CIE _{LCh}	60, 33.756, 202.423
Yxy	28.4503, 0.2240, 0.3179
Android (android.graphics.Color)	4279673255 (0xFF16A1A7)
YUV	120.1230, 23.1104, -86.0539
Hunter-Lab	53.3389, -26.2424, -8.2305

Details

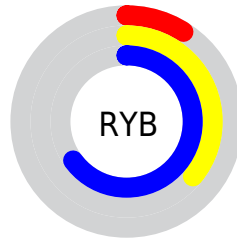
The Hex color **16A1A7** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A71C16**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63D8DE**, and **006D73** is the 20% darker color. If you saturate the color by 10%, you get **05A0A7**, and if you desaturate by 10%, it is **27A2A7**.

Distribution



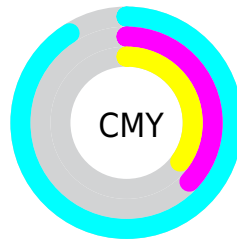
- Red (9%)
- Green (63%)
- Blue (65%)



- Red (9%)
- Yellow (36%)
- Blue (65%)



- Cyan (87%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A1A7 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 16A1A7 by changing the saturation by 10% instead.

 16A1A7

 16A1A7

FFFFFF

 00868D

 63D8DE

 006D73

 82F5FB

 00545B


 A0FFFF

 003C43


 BEFFFF

 00272D

 DCFFFF

 000319

 FAFFFF

 000000

 16A1A7

 16A1A7

 05A0A7

 27A2A7

■ 00A0A7

■ 37A2A7

■ 48A3A7

■ 59A4A7

■ 6AA4A7

■ 7AA5A7

■ 8BA6A7

■ 9CA7A7

■ ACA7A7

Harmonies

Analogous

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



44A189



16A1A7



219EC0

Triad

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



16A1A7



B082B6



AC8D56

Complementary

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



16A1A7



A71C16

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.



C18363



16A1A7



C67B9A

Square

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



16A1A7



8A8CC8



CB7B7C



8E9659

Rectangle

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



16A1A7



4799C9



CB7B7C



B48959

Sweetspot

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



16A1A7



A0D6D9



16A71B



4C6C6E



EDEDED



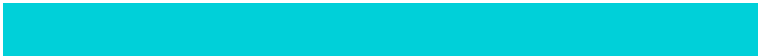
6E6E6E

Same Dimension

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



16A1A7



00D0D9



165AA7



4C5454



008E94



001414

Inverse Universe

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



A716A1



D900D0



A76316



544C54



94008E



140014

Previews

White Background



This preview shows how the Hex color 16A1A7 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 16A1A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

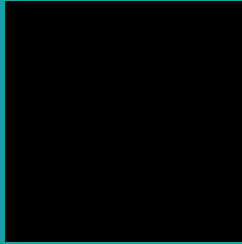
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

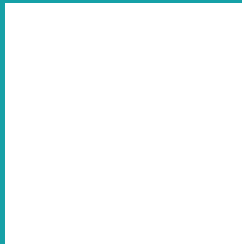
Any Text WCAG AAA × Fail

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

Hex 16A1A7 Background



This preview shows how black text looks on a background with the Hex color 16A1A7.

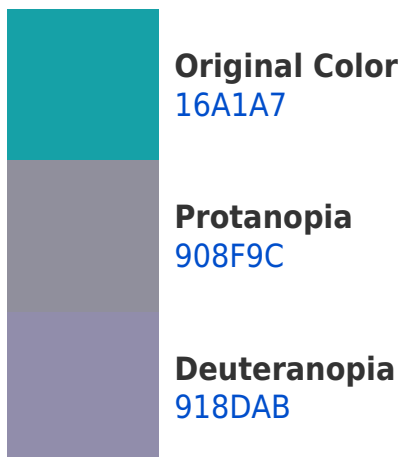


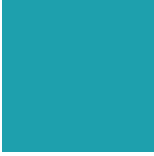
This preview shows how white text looks on a background with the Hex color 16A1A7.

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
16A1A7



Protanomaly
6496A0



Deuteranomaly
6494AA



Tritanomaly
1BA0AB

Monochromacy



Original Color
16A1A7



Achromatopsia
787878



Achromatomaly
548789

CSS Examples

Text

The CSS property to change the color of the text to Hex 16A1A7 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 #16A1A7 looks like.

```
.text, #text, p{  
    color:#16A1A7  
}
```

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 #16A1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A1A7  
}
```

Border

The CSS property to change the border of an element to Hex 16A1A7 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  
#16A1A7 }
```

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

```
.border{ border-color:#16A1A7 }
```

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

Here you see how a box with a 4 pixel #16A1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A1A7; -webkit-box-shadow:4px 4px  
4px 4px #16A1A7; box-shadow:4px 4px 4px  
4px #16A1A7 }
```

Background

The CSS property to change the background color of an element to Hex 16A1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A1A7 }
```

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

```
.background{ background-color:#16A1A7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor