

# Converting Colors

Hex(14A7B9)

Have a look what the booklet for  
Hex(14A7B9) contains.

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# Color

Hex(14A7B9)

# Conversions

## Conversions Part 1

Format	Color
Hex	14A7B9
RGB	20, 167, 185
RGB Percent	8%, 65%, 73%
CMY	0.9216, 0.3451, 0.2745
CMYK	0.89, 0.10, 0.00, 0.27
HSL	187°, 80%, 40%
HSV	187°, 89%, 73%
XYZ	22.8642, 31.2889, 50.7332
YIQ	125.0990, -93.3900, -25.5660

# Conversions

## Conversions Part 2

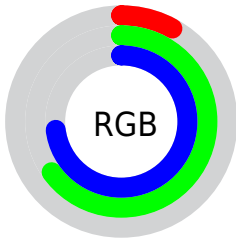
Format	Color
<a href="#">RYB</a>	<a href="#">20, 98, 185</a>
Decimal	<a href="#">1353657</a>
CIELab	<a href="#">62.75, -28.48, -19.27</a>
CIELCh	<a href="#">63, 34.389, 214.088</a>
Yxy	<a href="#">31.2889, 0.2180, 0.2983</a>
Android (android.graphics.Color)	<a href="#">4279543737 (0xFF14A7B9)</a>
YUV	<a href="#">125.0990, 29.5312, -92.1718</a>
Hunter-Lab	<a href="#">55.9365, -24.9267, -14.6192</a>

# Details

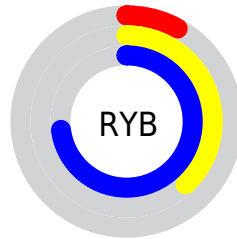
The Hex color **14A7B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B92614**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **66DEF1**, and **007384** is the 20% darker color. If you saturate the color by 10%, you get **02A5B9**, and if you desaturate by 10%, it is **27A9B9**.

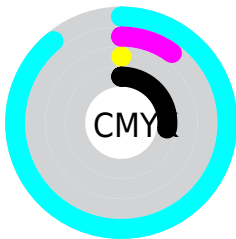
# Distribution



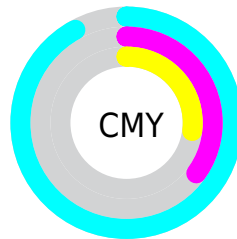
- Red (8%)
- Green (65%)
- Blue (73%)



- Red (8%)
- Yellow (38%)
- Blue (73%)



- Cyan (89%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (92%)
- Magenta (35%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14A7B9 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 14A7B9 by changing the saturation by 10% instead.



 14A7B9

 14A7B9

FFFFFF

 008C9E

 66DEF1

 007384

 85FBFF

 005A6B

 A4FFFF

 004252

 C2FFFF

 002B3B

 E1FFFF

 001326

 000110

 000000

 14A7B9

 14A7B9

■ 02A5B9

■ 27A9B9

■ 00A5B9

■ 39ABB9

■ 4CADB9

■ 5EAFB9

■ 71B1B9

■ 83B3B9

■ 96B5B9

■ A8B7B9

■ BBB9B9

# Harmonies

## Analogous

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



38A89B



14A7B9



3DA2CE

# Triad

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



14A7B9



C284B3



A8975A

# Complementary

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



14A7B9



B92614

# 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.



C28D62



14A7B9



D28095

# Square

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



14A7B9



A18ECA



D18477



87A064

# Rectangle

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



14A7B9



619DD4



D18477



B1945B



# Sweetspot

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



14A7B9



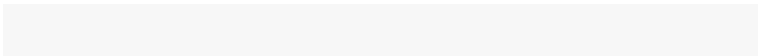
AFE9F0



14B924



517478



F7F7F7



787878



# Same Dimension

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



14A7B9



00D6F0



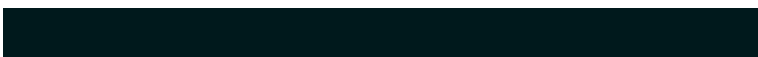
1456B9



535B5C



008B9C



00191C



# Inverse Universe

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



B914A7



F000D6



B97714



5C535B



9C008B



1C0019



# Previews

## White Background



This preview shows how the Hex color 14A7B9 looks on a white background.

## Color Contrast Check

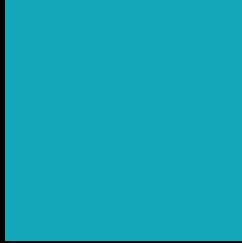
Large Text (above 18pt) WCAG AA × Fail

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 14A7B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

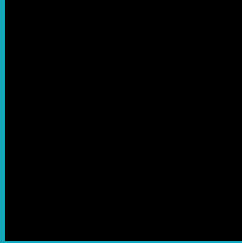
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 14A7B9 Background



This preview shows how black text looks on a background with the Hex color 14A7B9.

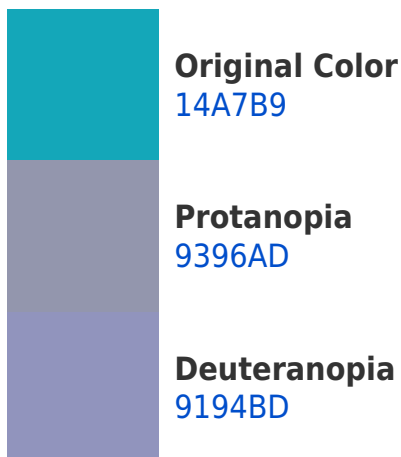


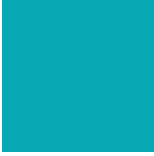
This preview shows how white text looks on a background with the Hex color 14A7B9.

# 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**  
08A8B5

# Trichromacy



**Original Color**  
14A7B9



**Protanomaly**  
659CB1



**Deuteranomaly**  
649BBC



**Tritanomaly**  
0CA8B6

# Monochromacy



**Original Color**  
14A7B9



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
578C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14A7B9 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 #14A7B9 looks like.

```
.text, #text, p{  
    color:#14A7B9  
}
```

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 #14A7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14A7B9
}
```

## Border

The CSS property to change the border of an element to Hex 14A7B9 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
#14A7B9 }
```

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

```
.border{ border-color:#14A7B9 }
```

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

Here you see how a box with a 4 pixel #14A7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14A7B9; -webkit-box-shadow:4px 4px  
4px 4px #14A7B9; box-shadow:4px 4px 4px  
4px #14A7B9 }
```

# Background

The CSS property to change the background color of an element to Hex 14A7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14A7B9 }
```

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

```
.background{ background-color:#14A7B9 }
```

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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