

# Converting Colors

Hex(19A3B8)

Have a look what the booklet for  
Hex(19A3B8) contains.

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# Color

Hex(19A3B8)

# Conversions

## Conversions Part 1

Format	Color
Hex	19A3B8
RGB	25, 163, 184
RGB Percent	10%, 64%, 72%
CMY	0.9020, 0.3608, 0.2784
CMYK	0.86, 0.11, 0.00, 0.28
HSL	188°, 76%, 41%
HSV	188°, 86%, 72%
XYZ	22.1498, 29.8618, 49.9439
YIQ	124.1320, -88.9890, -22.7250

# Conversions

## Conversions Part 2

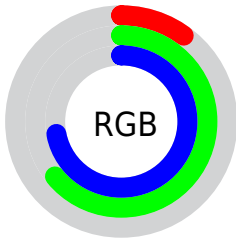
Format	Color
<b>RYB</b>	25, 99, 184
Decimal	1680312
CIELab	61.53, -26.51, -20.56
CIELCh	62, 33.550, 217.797
Yxy	29.8618, 0.2173, 0.2929
Android (android.graphics.Color)	4279870392 (0xFF19A3B8)
YUV	124.1320, 29.5149, -86.9388
Hunter-Lab	54.6459, -23.2783, -15.9362

# Details

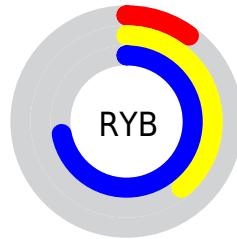
The Hex color **19A3B8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B82E19**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **67DAF0**, and **006F83** is the 20% darker color. If you saturate the color by 10%, you get **07A1B8**, and if you desaturate by 10%, it is **2BA5B8**.

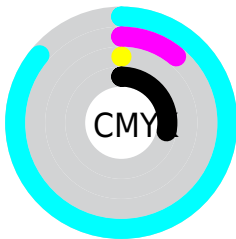
# Distribution



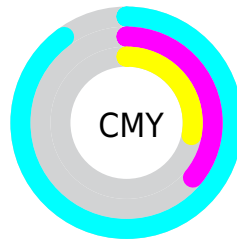
- Red (10%)
- Green (64%)
- Blue (72%)



- Red (10%)
- Yellow (39%)
- Blue (72%)



- Cyan (86%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)



- Cyan (90%)
- Magenta (36%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19A3B8 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 19A3B8 by changing the saturation by 10% instead.



 19A3B8

 19A3B8

FFFFFF

 00899D

 67DAF0

 006F83

 86F7FF

 00566A

 A4FFFF

 003E52

 C3FFFF

 00283A

 E1FFFF

 000D25

 00010E

 000000

 19A3B8

 19A3B8

07A1B8

2BA5B8

00A0B8

3EA8B8

50AAB8

63ADB8

75AFB8

87B2B8

9AB4B8

ACB6B8

BFB9B8

# Harmonies

## Analogous

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



33A59C



19A3B8



439ECB

# Triad

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



19A3B8



C081AC



A19559

# Complementary

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



19A3B8



B82E19

# 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.



BB8B5E



19A3B8



CE7D8E

# Square

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



19A3B8



A28AC4



CB8272



809E65

# Rectangle

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



19A3B8



6698CF



CB8272



AA9259



# Sweetspot

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



19A3B8



B1E7F0



19B82C



537378



F7F7F7



787878



# Same Dimension

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



19A3B8



00D0F0



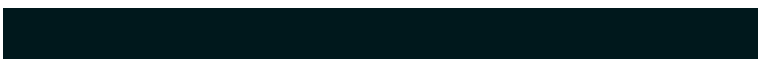
1956B8



535B5C



00879C



00181C



# Inverse Universe

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



B819A3



F000D0



B87B19



5C535B



9C0087



1C0018



# Previews

## White Background



This preview shows how the Hex color 19A3B8 looks on a white background.

## Color Contrast Check

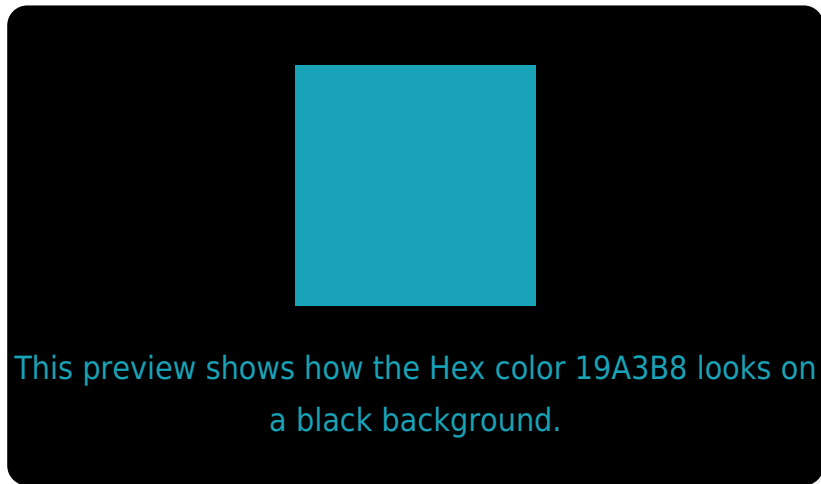
Large Text (above 18pt) WCAG AA ✓ Pass

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

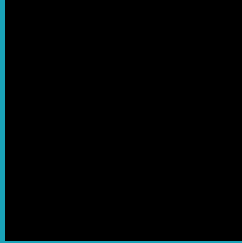
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 19A3B8 Background



This preview shows how black text looks on a background with the Hex color 19A3B8.

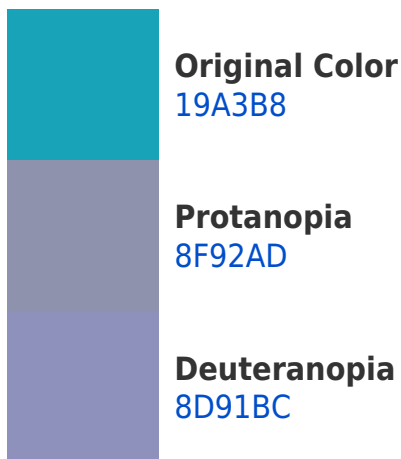


This preview shows how white text looks on a background with the Hex color 19A3B8.

# 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**  
09A4B1

# Trichromacy



**Original Color**  
19A3B8



**Protanomaly**  
6498B1



**Deuteranomaly**  
6398BB



**Tritanomaly**  
0FA4B4

# Monochromacy



**Original Color**  
19A3B8



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
588A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19A3B8 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 #19A3B8 looks like.

```
.text, #text, p{  
    color:#19A3B8  
}
```

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 #19A3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A3B8  
}
```

## Border

The CSS property to change the border of an element to Hex 19A3B8 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  
#19A3B8 }
```

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

```
.border{ border-color:#19A3B8 }
```

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

Here you see how a box with a 4 pixel #19A3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A3B8; -webkit-box-shadow:4px 4px  
4px 4px #19A3B8; box-shadow:4px 4px 4px  
4px #19A3B8 }
```

# Background

The CSS property to change the background color of an element to Hex 19A3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A3B8 }
```

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

```
.background{ background-color:#19A3B8 }
```

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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