

# Converting Colors

Hex(19BFA6)

Have a look what the booklet for  
Hex(19BFA6) contains.

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# Color

Hex(19BFA6)

# Conversions

## Conversions Part 1

Format	Color
Hex	19BFA6
RGB	25, 191, 166
RGB Percent	10%, 75%, 65%
CMY	0.9020, 0.2510, 0.3490
CMYK	0.87, 0.00, 0.13, 0.25
HSL	171°, 77%, 42%
HSV	171°, 87%, 75%
XYZ	25.9146, 40.2215, 42.4741
YIQ	138.5160, -90.9110, -42.9670

# Conversions

## Conversions Part 2

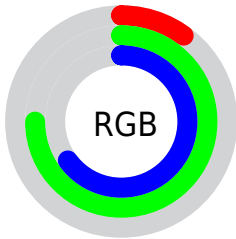
Format	Color
<a href="#">RYB</a>	<a href="#">25, 115, 191</a>
Decimal	<a href="#">1687462</a>
CIELab	<a href="#">69.63, -44.86, 1.50</a>
CIELCh	<a href="#">70, 44.887, 178.087</a>
Yxy	<a href="#">40.2215, 0.2386, 0.3703</a>
Android (android.graphics.Color)	<a href="#">4279877542 (0xFF19BFA6)</a>
YUV	<a href="#">138.5160, 13.5496, -99.5535</a>
Hunter-Lab	<a href="#">63.4204, -38.0476, 4.6864</a>

# Details

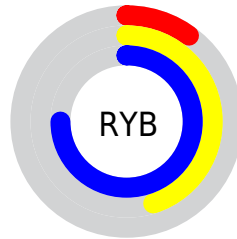
The Hex color **19BFA6** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF1932**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AF8DD**, and **008972** is the 20% darker color. If you saturate the color by 10%, you get **06BFA3**, and if you desaturate by 10%, it is **2CBFA9**.

# Distribution



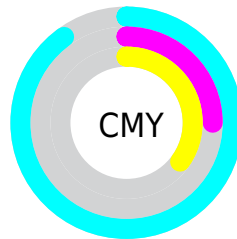
- Red (10%)
- Green (75%)
- Blue (65%)



- Red (10%)
- Yellow (45%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (90%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19BFA6 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 19BFA6 by changing the saturation by 10% instead.



 19BFA6

 19BFA6

FFFFFF

 00A38C

 6AF8DD

 008972

 89FFFA

 006E5A

 A8FFFF

 005542

 C6FFFF

 003D2C

 E5FFFF

 002718

 000000

 19BFA6

 19BFA6

 06BFA3

 2CBFA9

00BFA2

3FBFAC

52BFAF

65BFB2

78BFB4

8CBFB7

9FBFBA

B2BFBD

C5BFC0

# Harmonies

## Analogous

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



6BBB7E



19BFA6



00BFCF

# Triad

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



19BFA6



AAA0F2



E59866

# Complementary

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



19BFA6



BF1932

# 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.



F78C86



19BFA6



DA92D6

# Square

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



19BFA6



62AFFB



F489AE



C6A757

# Rectangle

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



19BFA6



00BCE6



F489AE



ED946F



# Sweetspot

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



19BFA6



B7F7EE



35BF19



567D77



FCFCFC



7D7D7D



# Same Dimension

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



19BFA6



00F7D2



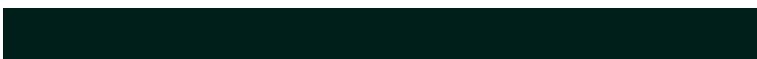
1988BF



555E5D



009E86



001F1A



# Inverse Universe

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



BF1932



F70025



BF5019



5E5556



9E0018

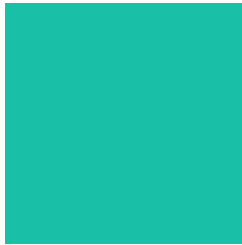


1F0005



# Previews

## White Background



This preview shows how the Hex color 19BFA6 looks on a white background.

## Color Contrast Check

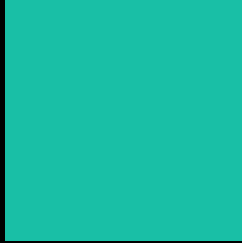
Large Text (above 18pt) WCAG AA × Fail

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 19BFA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

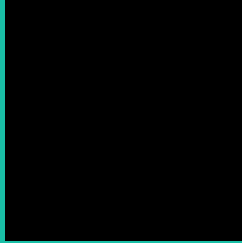
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

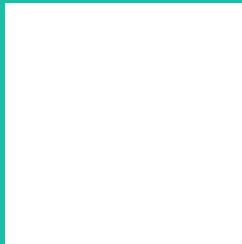
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 19BFA6 Background



This preview shows how black text looks on a background with the Hex color 19BFA6.

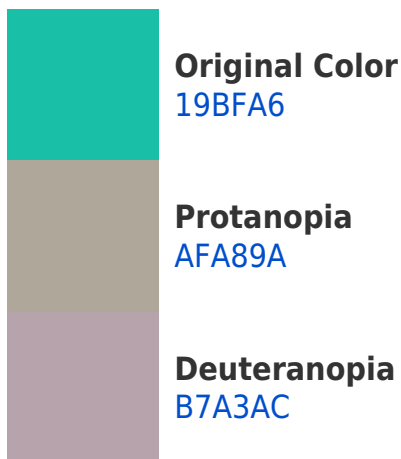


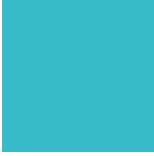
This preview shows how white text looks on a background with the Hex color 19BFA6.

# 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**  
38BAC9

# Trichromacy



**Original Color**  
19BFA6



**Protanomaly**  
78B09E



**Deuteranomaly**  
7EADAA



**Tritanomaly**  
2DBCBC

# Monochromacy



**Original Color**  
19BFA6



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
629E95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19BFA6 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 #19BFA6 looks like.

```
.text, #text, p{  
    color:#19BFA6  
}
```

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 #19BFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19BFA6
}
```

## Border

The CSS property to change the border of an element to Hex 19BFA6 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
#19BFA6 }
```

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

```
.border{ border-color:#19BFA6 }
```

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

Here you see how a box with a 4 pixel #19BFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19BFA6; -webkit-box-shadow:4px 4px  
4px 4px #19BFA6; box-shadow:4px 4px 4px  
4px #19BFA6 }
```

# Background

The CSS property to change the background color of an element to Hex 19BFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19BFA6 }
```

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

```
.background{ background-color:#19BFA6 }
```

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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