

# Converting Colors

Hex(019B91)

Have a look what the booklet for  
Hex(019B91) contains.

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# Color

**Hex(019B91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	019B91
RGB	1, 155, 145
RGB Percent	0%, 61%, 57%
CMY	0.9961, 0.3922, 0.4314
CMYK	0.99, 0.00, 0.06, 0.39
HSL	176°, 99%, 31%
HSV	176°, 99%, 61%
XYZ	16.8447, 25.4935, 30.8210
YIQ	107.8140, -88.5740, -35.7580

# Conversions

## Conversions Part 2

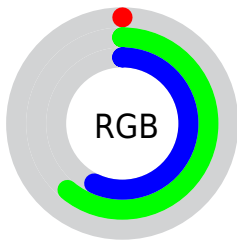
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 81, 155
Decimal	105361
CIE <sub>Lab</sub>	57.55, -36.19, -4.50
CIE <sub>LCh</sub>	58, 36.466, 187.093
Yxy	25.4935, 0.2302, 0.3485
Android (android.graphics.Color)	4278295441 (0xFF019B91)
YUV	107.8140, 18.3327, -93.6759
Hunter-Lab	50.4911, -28.8087, -0.8483

# Details

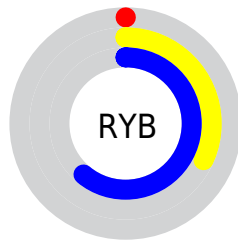
The Hex color **019B91** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B010B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD2C7**, and **00675F** is the 20% darker color. If you saturate the color by 10%, you get **009B91**, and if you desaturate by 10%, it is **109B92**.

# Distribution



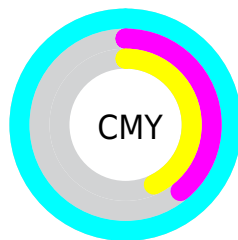
- Red (0%)
- Green (61%)
- Blue (57%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (99%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 019B91 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 019B91 by changing the saturation by 10% instead.



 019B91

 019B91

FFFFFF

 008177

 5AD2C7

 00675F

 79EFE3

 004E47

 97FFFF

 003631

 B4FFFF

 00221C


 D2FFFF

 000001

 F0FFFF

 000000

 019B91

 019B91

 009B91

 109B92

 209B93

 2F9B94

 3F9B95

 4E9B96

 5E9B97

 6E9B98

 7D9B99

 8C9B9A

# Harmonies

## Analogous

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



4C9970



019B91



009AB0

# Triad

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



019B91



977FBD



B38050

# Complementary

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



019B91



9B010B

# 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.



C47565



019B91



B875A4

# Square

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



019B91



668BC9



C77184



978B4A

# Rectangle

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



019B91



0096BF



C77184



BA7C56



# Sweetspot

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



019B91



8DC9C6



0B9B01



416664



E6E6E6



666666



# Same Dimension

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



019B91



00C9BC



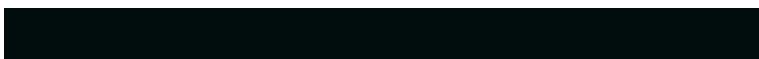
01589B



454D4C



008C83



000D0C



# Inverse Universe

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



9B010B



C9000D



9B4401



4D4545



8C0009



0D0001



# Previews

## White Background



This preview shows how the Hex color 019B91 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 019B91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

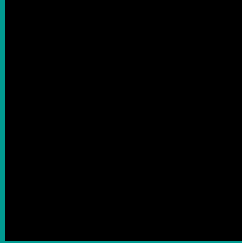
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 019B91 Background



This preview shows how black text looks on a background with the Hex color 019B91.

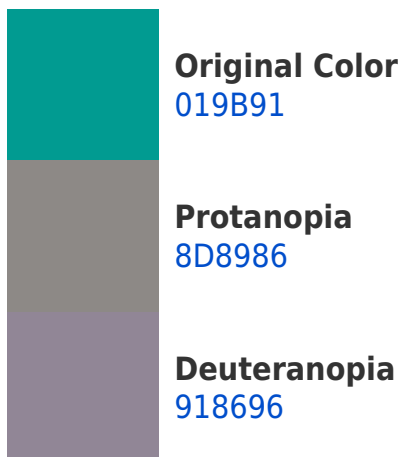


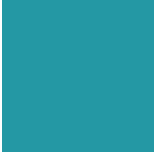
This preview shows how white text looks on a background with the Hex color 019B91.

# 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**  
2498A4

# Trichromacy



**Original Color**  
019B91



**Protanomaly**  
5A908A



**Deuteranomaly**  
5D8E94



**Tritanomaly**  
17999D

# Monochromacy



**Original Color**  
019B91



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
457D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 019B91 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 #019B91 looks like.

```
.text, #text, p{  
    color:#019B91  
}
```

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 #019B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #019B91
}
```

## Border

The CSS property to change the border of an element to Hex 019B91 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
#019B91 }
```

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

```
.border{ border-color:#019B91 }
```

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

Here you see how a box with a 4 pixel #019B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #019B91; -webkit-box-shadow:4px 4px  
4px 4px #019B91; box-shadow:4px 4px 4px  
4px #019B91 }
```

# Background

The CSS property to change the background color of an element to Hex 019B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#019B91 }
```

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

```
.background{ background-color:#019B91 }
```

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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