

# Converting Colors

Hex(1D9179)

Have a look what the booklet for  
Hex(1D9179) contains.

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**Color**

**Hex(1D9179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D9179
RGB	29, 145, 121
RGB Percent	11%, 57%, 47%
CMY	0.8863, 0.4314, 0.5255
CMYK	0.80, 0.00, 0.17, 0.43
HSL	168°, 67%, 34%
HSV	168°, 80%, 57%
XYZ	14.0833, 21.8925, 21.5726
YIQ	107.5800, -61.4320, -32.0560

# Conversions

## Conversions Part 2

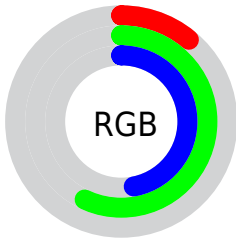
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 94, 145
Decimal	1937785
CIE <sub>Lab</sub>	53.91, -36.77, 3.94
CIE <sub>LCh</sub>	54, 36.978, 173.876
Yxy	21.8925, 0.2447, 0.3804
Android (android.graphics.Color)	4280127865 (0xFF1D9179)
YUV	107.5800, 6.6161, -68.9147
Hunter-Lab	46.7894, -28.1542, 5.4165

# Details

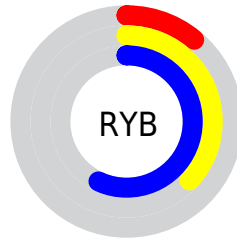
The Hex color **1D9179** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **911D35**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FC8AD**, and **005E49** is the 20% darker color. If you saturate the color by 10%, you get **0E9176**, and if you desaturate by 10%, it is **2C917C**.

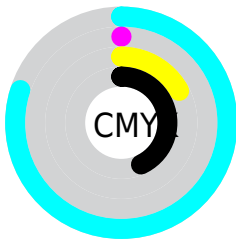
# Distribution



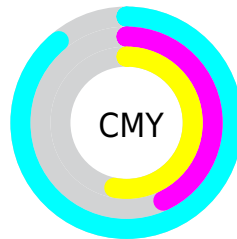
- Red (11%)
- Green (57%)
- Blue (47%)



- Red (11%)
- Yellow (37%)
- Blue (57%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D9179 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 1D9179 by changing the saturation by 10% instead.



 1D9179

 1D9179

FFFFFF

 007760

 5FC8AD

 005E49

 7CE4C9

 004532

 98FFE5

 002E1D

 B5FFFF

 001604

 D2FFFF

 000000

 F0FFFF

 1D9179

 1D9179

 0E9176

 2C917C

■ 009173

■ 3A917F

■ 499182

■ 579185

■ 669188

■ 74918B

■ 83918E

■ 919191

■ A09194

# Harmonies

## Analogous

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



558E5A



1D9179



00919A

# Triad

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



1D9179



7A7BBB



B2714E

# Complementary

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



1D9179



911D35

# 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.



BD6969



1D9179



A26FA7

# Square

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



1D9179



3E86C0



B96789



9A7D40

# Rectangle

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



1D9179



008FAC



B96789



B76E56



# Sweetspot

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



1D9179



8FBDB3



36911D



435E59



DEDEDE



5E5E5E



# Same Dimension

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



1D9179



08BD97



1D7091



404746



00876B



000806



# Inverse Universe

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



911D35



BD082D



913E1D



474042



87001C

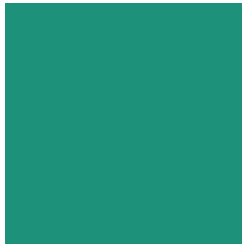


080002



# Previews

## White Background



This preview shows how the Hex color 1D9179 looks on a white background.

## Color Contrast Check

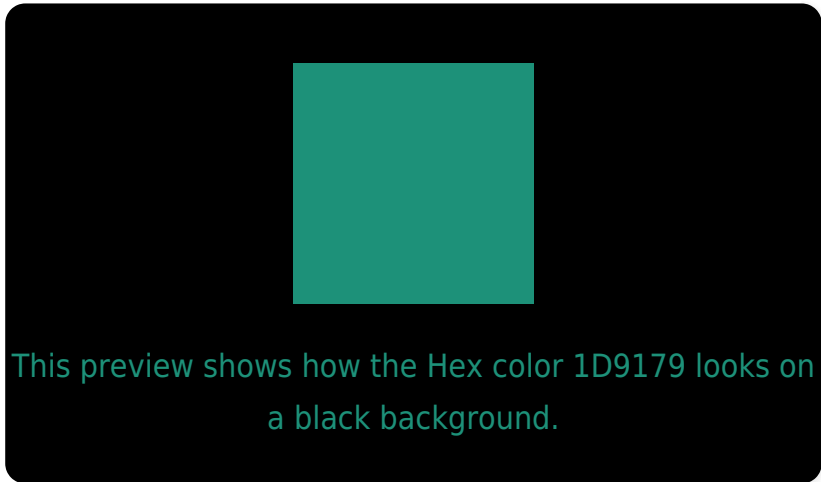
Large Text (above 18pt) WCAG AA ✓ Pass

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

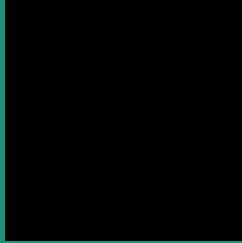
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D9179 Background



This preview shows how black text looks on a background with the Hex color 1D9179.



This preview shows how white text looks on a background with the Hex color 1D9179.

# 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**  
318D98

# Trichromacy



**Original Color**  
1D9179



**Protanomaly**  
608673



**Deuteranomaly**  
64847C



**Tritanomaly**  
2A8E8D

# Monochromacy



**Original Color**  
1D9179



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4F7971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D9179 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 #1D9179 looks like.

```
.text, #text, p{  
    color:#1D9179  
}
```

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 #1D9179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D9179
}
```

## Border

The CSS property to change the border of an element to Hex 1D9179 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
#1D9179 }
```

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

```
.border{ border-color:#1D9179 }
```

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

Here you see how a box with a 4 pixel #1D9179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D9179; -webkit-box-shadow:4px 4px  
4px 4px #1D9179; box-shadow:4px 4px 4px  
4px #1D9179 }
```

# Background

The CSS property to change the background color of an element to Hex 1D9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D9179 }
```

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

```
.background{ background-color:#1D9179 }
```

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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