

# Converting Colors

Hex(1D9174)

Have a look what the booklet for  
Hex(1D9174) contains.

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**Color**

**Hex(1D9174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D9174
RGB	29, 145, 116
RGB Percent	11%, 57%, 45%
CMY	0.8863, 0.4314, 0.5451
CMYK	0.80, 0.00, 0.20, 0.43
HSL	165°, 67%, 34%
HSV	165°, 80%, 57%
XYZ	13.7845, 21.7730, 19.9991
YIQ	107.0100, -59.8270, -33.6110

# Conversions

## Conversions Part 2

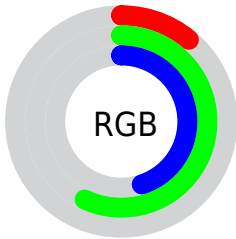
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 95, 145
Decimal	1937780
CIE <sub>Lab</sub>	53.79, -38.10, 6.63
CIE <sub>LCh</sub>	54, 38.675, 170.126
Yxy	21.7730, 0.2481, 0.3919
Android (android.graphics.Color)	4280127860 (0xFF1D9174)
YUV	107.0100, 4.4321, -68.4148
Hunter-Lab	46.6615, -28.9262, 7.2514

# Details

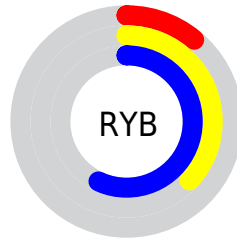
The Hex color **1D9174** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **911D3A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5EC8A8**, and **005D44** is the 20% darker color. If you saturate the color by 10%, you get **0E9170**, and if you desaturate by 10%, it is **2C9178**.

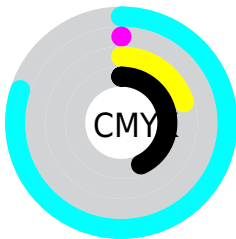
# Distribution



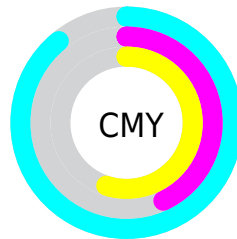
- Red (11%)
- Green (57%)
- Blue (45%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D9174 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 1D9174 by changing the saturation by 10% instead.



 1D9174

 1D9174

FFFFFF


 00775B


 5EC8A8

 005D44

 7BE4C3

 00452E

 98FFDF

 002E19

 B5FFFC

 001600

 D2FFFF

 000000

 EFFFFFF

 1D9174

 1D9174

 0E9170

 2C9178

■ 00916D

■ 3A917B

■ 49917F

■ 579183

■ 669186

■ 74918A

■ 83918D

■ 919191

■ A09195

# Harmonies

## Analogous

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



588D54



1D9174



009296

# Triad

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



1D9174



727CBF



B66F4F

# Complementary

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



1D9174



911D3A

# 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.



C0666B



1D9174



9F6FAC

# Square

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



1D9174



2A87C2



B9668D



9E7B3E

# Rectangle

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



1D9174



0090AB



B9668D



BB6B57



# Sweetspot

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



1D9174



8FBDB1



3A911D



435E58



DEDEDE



5E5E5E



# Same Dimension

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



1D9174



08BD8F



1D7491



404746



008765



000806



# Inverse Universe

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



911D3A



BD0835



913A1D



474042



870022



080002



# Previews

## White Background



This preview shows how the Hex color 1D9174 looks on a white background.

## Color Contrast Check

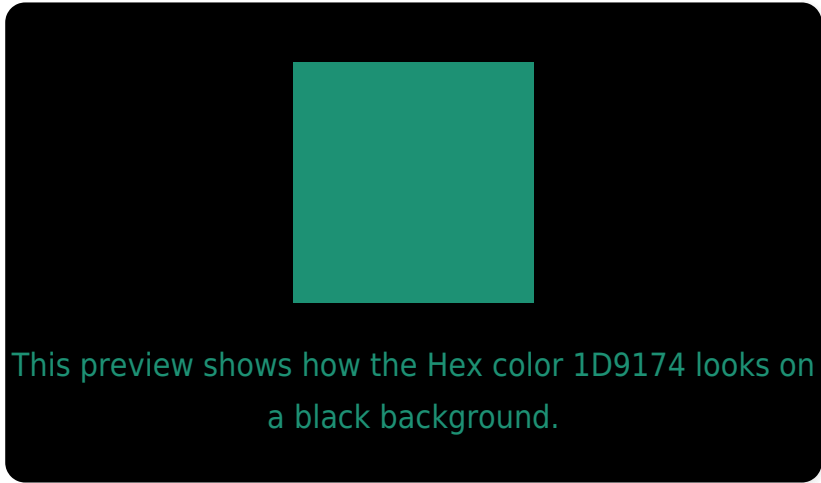
Large Text (above 18pt) WCAG AA ✓ Pass

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

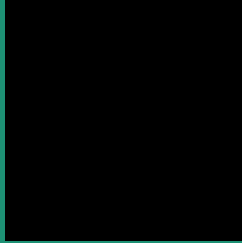
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D9174 Background



This preview shows how black text looks on a background with the Hex color 1D9174.



This preview shows how white text looks on a background with the Hex color 1D9174.

# 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



**Original Color**  
1D9174

**Protanopia**  
877F6B

**Deuteranopia**  
8F7B79



**Tritanopia**  
338C98

# Trichromacy



**Original Color**  
1D9174



**Protanomaly**  
60866E



**Deuteranomaly**  
668377



**Tritanomaly**  
2B8E8B

# Monochromacy



**Original Color**  
1D9174



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
4F796E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D9174 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 #1D9174 looks like.

```
.text, #text, p{  
    color:#1D9174  
}
```

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 #1D9174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D9174
}
```

## Border

The CSS property to change the border of an element to Hex 1D9174 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
#1D9174 }
```

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

```
.border{ border-color:#1D9174 }
```

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

Here you see how a box with a 4 pixel #1D9174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D9174; -webkit-box-shadow:4px 4px  
4px 4px #1D9174; box-shadow:4px 4px 4px  
4px #1D9174 }
```

# Background

The CSS property to change the background color of an element to Hex 1D9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D9174 }
```

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

```
.background{ background-color:#1D9174 }
```

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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