

Converting Colors

Hex(179C64)

Have a look what the booklet for
Hex(179C64) contains.

Hex(179C64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(179C64)

Conversions

Conversions Part 1

Format	Color
Hex	179C64
RGB	23, 156, 100
RGB Percent	9%, 61%, 39%
CMY	0.9098, 0.3882, 0.6078
CMYK	0.85, 0.00, 0.36, 0.39
HSL	155°, 74%, 35%
HSV	155°, 85%, 61%
XYZ	14.5421, 24.8792, 16.0923
YIQ	109.8490, -61.2920, -45.6120

Conversions

Conversions Part 2

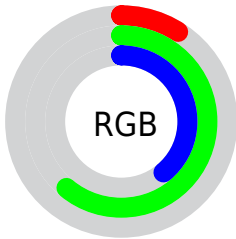
Format	Color
R_YB	23, 107, 156
Decimal	1547364
CIE _{Lab}	56.96, -47.05, 20.05
CIE _{LCh}	57, 51.141, 156.922
Yxy	24.8792, 0.2620, 0.4482
Android (android.graphics.Color)	4279737444 (0xFF179C64)
YUV	109.8490, -4.8556, -76.1666
Hunter-Lab	49.8790, -35.2473, 15.7868

Details

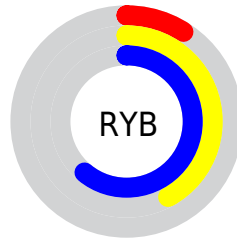
The Hex color **179C64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C174F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5ED497**, and **006735** is the 20% darker color. If you saturate the color by 10%, you get **079C5D**, and if you desaturate by 10%, it is **279C6B**.

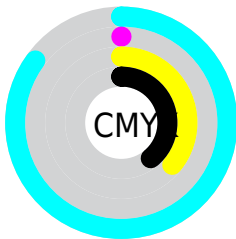
Distribution



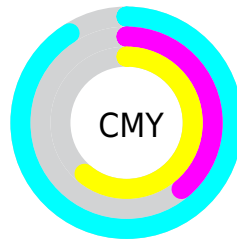
- Red (9%)
- Green (61%)
- Blue (39%)



- Red (9%)
- Yellow (42%)
- Blue (61%)



- Cyan (85%)
- Magenta (0%)
- Yellow (36%)
- Black (39%)



- Cyan (91%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 179C64 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 179C64 by changing the saturation by 10% instead.

 179C64

 179C64

FFFFFF

 00814C

 5ED497

 006735

 7BF0B2

 004E1F

 98FFCE

 003608

 B5FFEA

 002000

 D3FFFF

 000000

 F1FFFF

 179C64

 179C64

 079C5D

 279C6B

■ 009C5A

■ 369C71

■ 469C78

■ 559C7E

■ 659C85

■ 759C8B

■ 849C92

■ 949C99

■ A39C9F

Harmonies

Analogous

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



68953D



179C64



009F92

Triad

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



179C64



438AE1



D56955

Complementary

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



179C64



9C174F

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.



DA6080



179C64



9979D0

Square

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



179C64



0097DA



C767AD



BD7A35

Rectangle

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



179C64



009EB0



C767AD



D96563

Sweetspot

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



179C64



97CCB6



519C17



466659



E6E6E6



666666

Same Dimension

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



179C64



00CC76



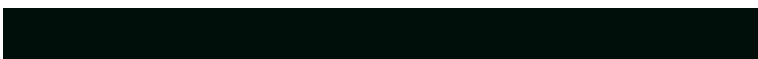
17939C



474F4C



008F53



000F09

Inverse Universe

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



9C174F



CC0056



9C2017



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 179C64 looks on a white background.

Color Contrast Check

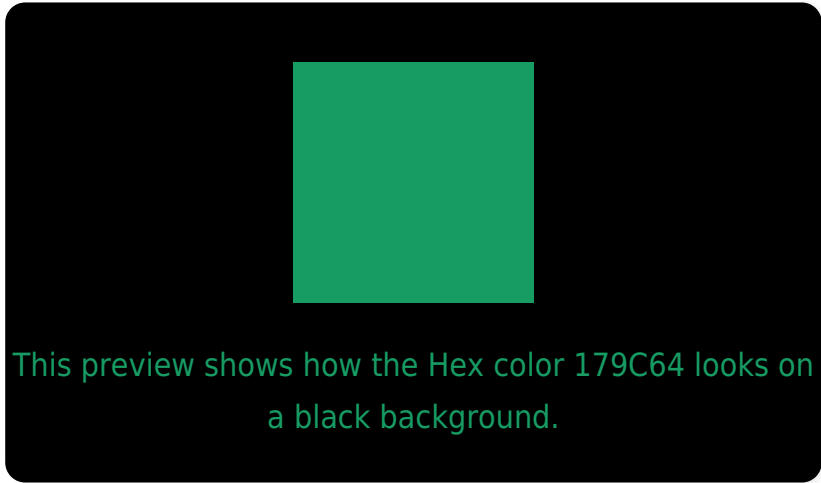
Large Text (above 18pt) WCAG AA ✓ Pass

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

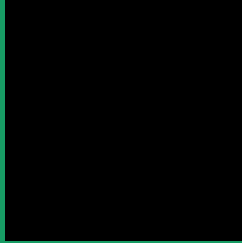
Any Text WCAG AA ✓ Pass

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 179C64 Background



This preview shows how black text looks on a background with the Hex color 179C64.



This preview shows how white text looks on a background with the Hex color 179C64.

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
179C64

Protanopia
93885B

Deuteranopia
9F826A



Tritanopia
3B95A1

Trichromacy



Original Color
179C64



Protanomaly
668F5E



Deuteranomaly
6E8B68



Tritanomaly
2E988B

Monochromacy



Original Color
179C64



Achromatopsia
6E6E6E



Achromatomaly
4E7F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 179C64 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 #179C64 looks like.

```
.text, #text, p{  
    color:#179C64  
}
```

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 #179C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #179C64
}
```

Border

The CSS property to change the border of an element to Hex 179C64 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
#179C64 }
```

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

```
.border{ border-color:#179C64 }
```

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

Here you see how a box with a 4 pixel #179C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #179C64; -webkit-box-shadow:4px 4px  
4px 4px #179C64; box-shadow:4px 4px 4px  
4px #179C64 }
```

Background

The CSS property to change the background color of an element to Hex 179C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#179C64 }
```

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

```
.background{ background-color:#179C64 }
```

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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