

Converting Colors

Hex(0C9176)

Have a look what the booklet for
Hex(0C9176) contains.

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Color

Hex(0C9176)

Conversions

Conversions Part 1

Format	Color
Hex	0C9176
RGB	12, 145, 118
RGB Percent	5%, 57%, 46%
CMY	0.9529, 0.4314, 0.5373
CMYK	0.92, 0.00, 0.19, 0.43
HSL	168°, 85%, 31%
HSV	168°, 92%, 57%
XYZ	13.5470, 21.6370, 20.6019
YIQ	102.1550, -70.6010, -36.5930

Conversions

Conversions Part 2

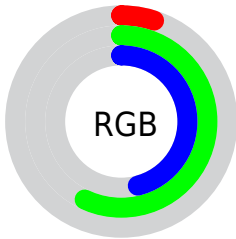
Format	Color
R_{YB}	12, 86, 145
Decimal	823670
CIE _{Lab}	53.64, -38.99, 5.25
CIE _{LCh}	54, 39.344, 172.332
Yxy	21.6370, 0.2428, 0.3879
Android (android.graphics.Color)	4279013750 (0xFF0C9176)
YUV	102.1550, 7.8116, -79.0659
Hunter-Lab	46.5156, -29.4165, 6.3012

Details

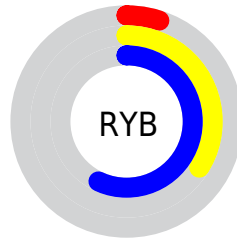
The Hex color **0C9176** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **910C27**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **58C8AA**, and **005D46** is the 20% darker color. If you saturate the color by 10%, you get **009174**, and if you desaturate by 10%, it is **1B9179**.

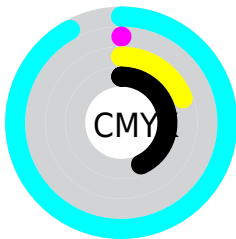
Distribution



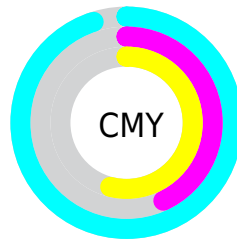
- Red (5%)
- Green (57%)
- Blue (46%)



- Red (5%)
- Yellow (34%)
- Blue (57%)



- Cyan (92%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (95%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C9176 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 0C9176 by changing the saturation by 10% instead.

 0C9176

 0C9176

FFFFFF

 00775D

 58C8AA

 005D46

 75E4C5

 00452F

 92FFE1

 002E1B

 B0FFE

 001500

 CDFFF

 000000

 EBFFF

 0C9176

 0C9176

 009174

 1B9179

■ 29917C

■ 38917F

■ 469182

■ 559185

■ 639188

■ 72918B

■ 80918E

■ 8F9190

Harmonies

Analogous

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



538D55



0C9176



009199

Triad

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



0C9176



757BBF



B56F4C

Complementary

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



0C9176



910C27

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.



C06668



0C9176



A26EAA

Square

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



0C9176



2D86C3



BB658A



9C7B3C

Rectangle

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



0C9176



0090AD



BB658A



BA6B54

Sweetspot

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



0C9176



88BDB2



29910C



3E5E58



DEDEDE



5E5E5E

Same Dimension

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



0C9176



00BD96



0C6B91



404746



00876C



000806

Inverse Universe

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



910C27



BD0026



91320C



474042



87001B



080002

Previews

White Background



This preview shows how the Hex color 0C9176 looks on a white background.

Color Contrast Check

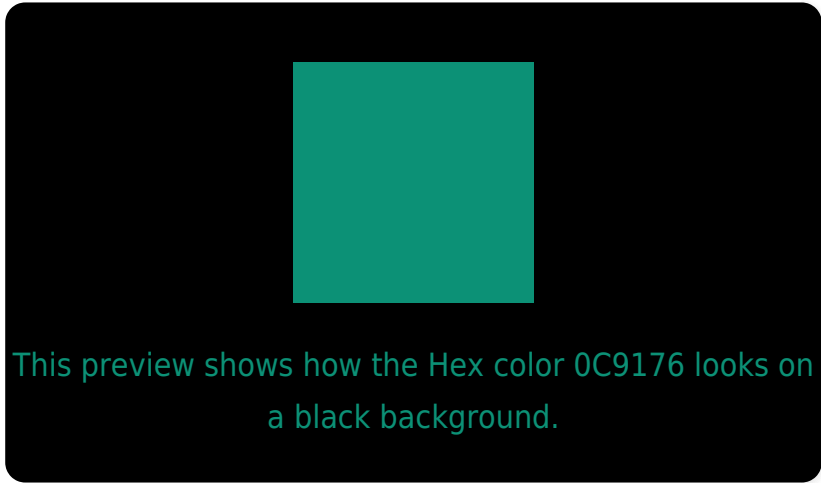
Large Text (above 18pt) WCAG AA ✓ Pass

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

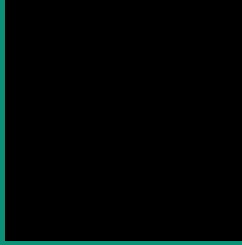
Any Text WCAG AA ✓ Pass

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 0C9176 Background



This preview shows how black text looks on a background with the Hex color 0C9176.

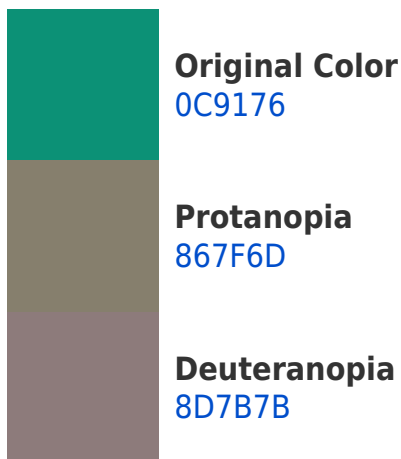


This preview shows how white text looks on a background with the Hex color 0C9176.

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
2C8C98

Trichromacy



Original Color
0C9176



Protanomaly
5A8670



Deuteranomaly
5E8379



Tritanomaly
208E8C

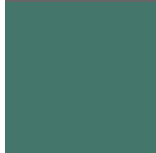
Monochromacy



Original Color
0C9176



Achromatopsia
666666



Achromatomaly
45766C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C9176 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 #0C9176 looks like.

```
.text, #text, p{  
    color:#0C9176  
}
```

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 #0C9176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9176
}
```

Border

The CSS property to change the border of an element to Hex 0C9176 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
#0C9176 }
```

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

```
.border{ border-color:#0C9176 }
```

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

Here you see how a box with a 4 pixel #0C9176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9176; -webkit-box-shadow:4px 4px  
4px 4px #0C9176; box-shadow:4px 4px 4px  
4px #0C9176 }
```

Background

The CSS property to change the background color of an element to Hex 0C9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9176 }
```

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

```
.background{ background-color:#0C9176 }
```

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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