

Converting Colors

Hex(019F76)

Have a look what the booklet for
Hex(019F76) contains.

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Color

Hex(019F76)

Conversions

Conversions Part 1

Format	Color
Hex	019F76
RGB	1, 159, 118
RGB Percent	0%, 62%, 46%
CMY	0.9961, 0.3765, 0.5373
CMYK	0.99, 0.00, 0.26, 0.38
HSL	164°, 99%, 31%
HSV	164°, 99%, 62%
XYZ	15.6807, 26.1107, 21.3530
YIQ	107.0840, -81.0070, -46.2470

Conversions

Conversions Part 2

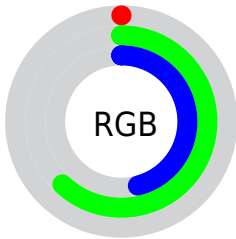
Format	Color
RYB	1, 92, 159
Decimal	106358
CIELab	58.14, -45.35, 11.63
CIElCh	58, 46.818, 165.612
Yxy	26.1107, 0.2483, 0.4135
Android (android.graphics.Color)	4278296438 (0xFF019F76)
YUV	107.0840, 5.3816, -93.0357
Hunter-Lab	51.0987, -34.6463, 10.9931

Details

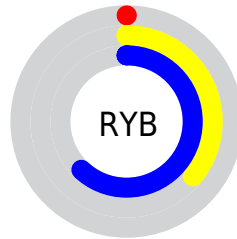
The Hex color **019F76** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F012A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D7AA**, and **006A46** is the 20% darker color. If you saturate the color by 10%, you get **009F76**, and if you desaturate by 10%, it is **119F7A**.

Distribution



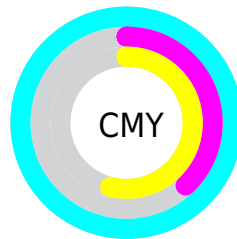
- Red (0%)
- Green (62%)
- Blue (46%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (99%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 019F76 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 019F76 by changing the saturation by 10% instead.

 019F76

 019F76

FFFFFF

 00845D

 59D7AA

 006A46

 77F3C5

 00512F

 95FFE1

 00391A

 B2FFFE

 002300

 D0FFFF

 000000


 EEEFFF


 019F76

 019F76


 009F76

 119F7A

 219F7E

 319F82

 419F87

 519F8B

 609F8F

 709F93

 809F97

 909F9B

Harmonies

Analogous

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



609A50



019F76



00A0A0

Triad

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



019F76



6C89DB



CE7353

Complementary

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



019F76



9F012A

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.



D86978



019F76



AA78C5

Square

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



019F76



0096DB



CD6BA1



B4833A

Rectangle

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



019F76



009FBA



CD6BA1



D46F5E

Sweetspot

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



019F76



91CFBE



2B9F01



43695F



E8E8E8



696969

Same Dimension

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



019F76



00CF99



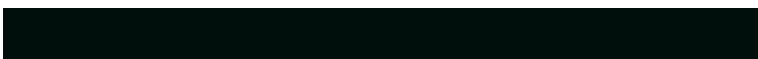
017A9F



474F4D



008F6A



000F0B

Inverse Universe

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



9F012A



CF0036



9F2601



4F4749



8F0025



0F0004

Previews

White Background



This preview shows how the Hex color 019F76 looks on a white background.

Color Contrast Check

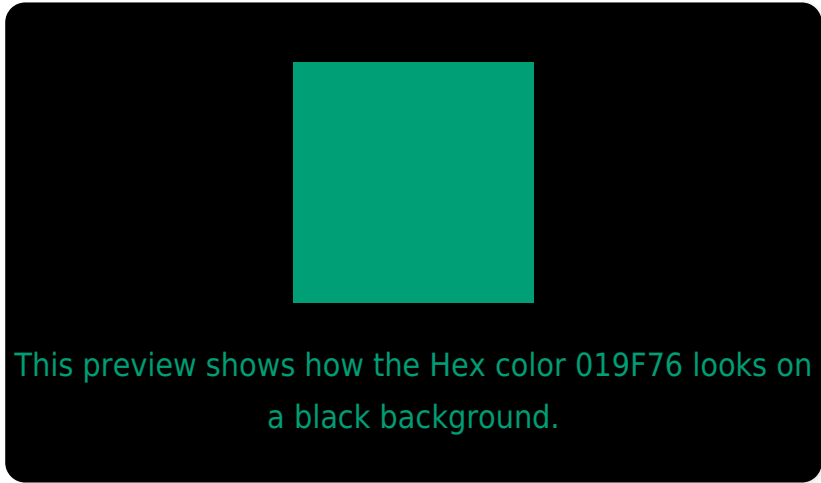
Large Text (above 18pt) WCAG AA ✓ Pass

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

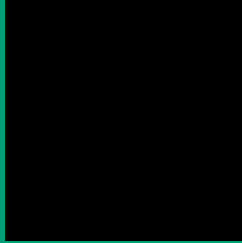
Any Text WCAG AA ✓ Pass

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 019F76 Background



This preview shows how black text looks on a background with the Hex color 019F76.



This preview shows how white text looks on a background with the Hex color 019F76.

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
019F76

Protanopia
948B6C

Deuteranopia
9E867C



Tritanopia
3399A5

Trichromacy



Original Color
019F76



Protanomaly
5F9270



Deuteranomaly
658F7A



Tritanomaly
219B94

Monochromacy



Original Color
019F76



Achromatopsia
6B6B6B



Achromatomaly
447E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 019F76 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 #019F76 looks like.

```
.text, #text, p{  
    color:#019F76  
}
```

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 #019F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #019F76
}
```

Border

The CSS property to change the border of an element to Hex 019F76 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
#019F76 }
```

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

```
.border{ border-color:#019F76 }
```

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

Here you see how a box with a 4 pixel #019F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #019F76; -webkit-box-shadow:4px 4px  
4px 4px #019F76; box-shadow:4px 4px 4px  
4px #019F76 }
```

Background

The CSS property to change the background color of an element to Hex 019F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#019F76 }
```

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

```
.background{ background-color:#019F76 }
```

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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