

Converting Colors

Hex(18871F)

Have a look what the booklet for
Hex(18871F) contains.

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Color

Hex(18871F)

Conversions

Conversions Part 1

Format	Color
Hex	18871F
RGB	24, 135, 31
RGB Percent	9%, 53%, 12%
CMY	0.9059, 0.4706, 0.8784
CMYK	0.82, 0.00, 0.77, 0.47
HSL	124°, 70%, 31%
HSV	124°, 82%, 53%
XYZ	9.2880, 17.6211, 4.2080
YIQ	89.9550, -32.7720, -55.8760

Conversions

Conversions Part 2

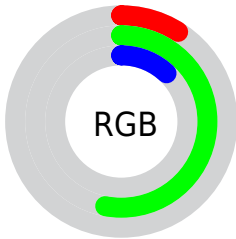
Format	Color
RYB	24, 128, 135
Decimal	1607455
CIELab	49.03, -50.01, 44.51
CIELCh	49, 66.950, 138.334
Yxy	17.6211, 0.2985, 0.5663
Android (android.graphics.Color)	4279797535 (0xFF18871F)
YUV	89.9550, -29.0648, -57.8425
Hunter-Lab	41.9775, -33.9654, 23.4407

Details

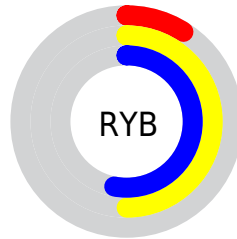
The Hex color **18871F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **871880**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5BBD53**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **0B8712**, and if you desaturate by 10%, it is **26872C**.

Distribution



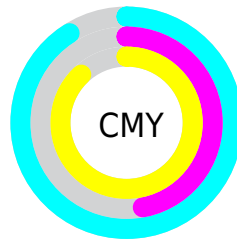
- Red (9%)
- Green (53%)
- Blue (12%)



- Red (9%)
- Yellow (50%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (77%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18871F 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 18871F by changing the saturation by 10% instead.



18871F



18871F

FFFFFF



006D00



5BBD53



005400



77DA6D



003B00



94F687



002500



B1FFA2



000000



CEFFBE



EBFFDA



FFFFFF7



18871F



18871F

■ 0B8712

■ 26872C

■ 008709

■ 338738

■ 418745

■ 4E8752

■ 5C875E

■ 69876B

■ 778778

■ 848784

■ 928791

Harmonies

Analogous

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



6C7C00



18871F



008C5C

Triad

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



18871F



0082E4



D73555

Complementary

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



18871F



871880

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.



CE368D



18871F



356FE1

Square

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



18871F



008BC9



A153C1



C5501E

Rectangle

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



18871F



008E83



A153C1



D73067

Sweetspot

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



18871F



84B087



818718



3E5940



D9D9D9



595959

Same Dimension

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



18871F



02B00D



188755



3C423C



008208



000300

Inverse Universe

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



871880



B002A5



87184A



423C42



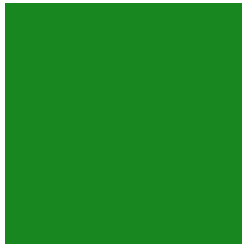
82007A



030002

Previews

White Background



This preview shows how the Hex color 18871F looks on a white background.

Color Contrast Check

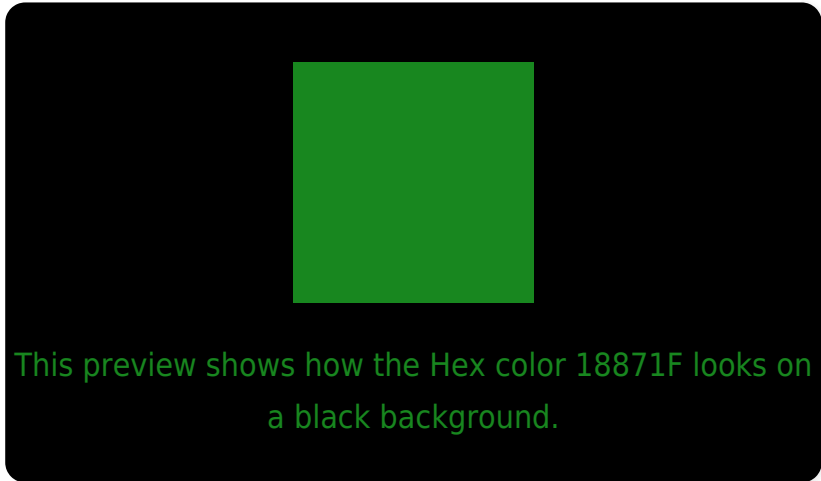
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 18871F Background



This preview shows how black text looks on a background with the Hex color 18871F.



This preview shows how white text looks on a background with the Hex color 18871F.

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](#).

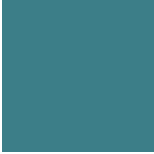
Dichromacy



Original Color
18871F

Protanopia
82741A

Deuteranopia
916E2A



Tritanopia
3C7E88

Trichromacy



Original Color
18871F



Protanomaly
5B7B1C



Deuteranomaly
657726



Tritanomaly
2F8162

Monochromacy



Original Color
18871F



Achromatopsia
5A5A5A



Achromatomaly
426A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 18871F 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 #18871F looks like.

```
.text, #text, p{  
    color:#18871F  
}
```

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 #18871F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18871F
}
```

Border

The CSS property to change the border of an element to Hex 18871F is called "border". The border property can be set on classes, ids or directly on the HTML element.

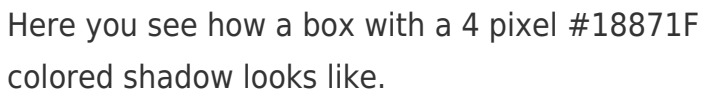
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18871F }
```

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

```
.border{ border-color:#18871F }
```

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



Here you see how a box with a 4 pixel #18871F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18871F; -webkit-box-shadow:4px 4px  
4px 4px #18871F; box-shadow:4px 4px 4px  
4px #18871F }
```

Background

The CSS property to change the background color of an element to Hex 18871F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18871F }
```

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

```
.background{ background-color:#18871F }
```

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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