

Converting Colors

Hex(18801F)

Have a look what the booklet for
Hex(18801F) contains.

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Color

Hex(18801F)

Conversions

Conversions Part 1

Format	Color
Hex	18801F
RGB	24, 128, 31
RGB Percent	9%, 50%, 12%
CMY	0.9059, 0.4980, 0.8784
CMYK	0.81, 0.00, 0.76, 0.50
HSL	124°, 68%, 30%
HSV	124°, 81%, 50%
XYZ	8.3432, 15.7315, 3.8931
YIQ	85.8460, -30.8470, -52.2150

Conversions

Conversions Part 2

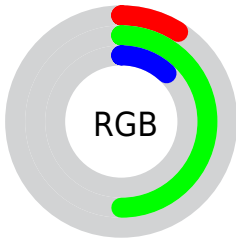
Format	Color
R_{YB}	24, 121, 128
Decimal	1605663
CIE _{Lab}	46.62, -47.70, 42.08
CIE _{LCh}	47, 63.609, 138.585
Yxy	15.7315, 0.2983, 0.5625
Android (android.graphics.Color)	4279795743 (0xFF18801F)
YUV	85.8460, -27.0391, -54.2389
Hunter-Lab	39.6629, -31.8622, 21.9445

Details

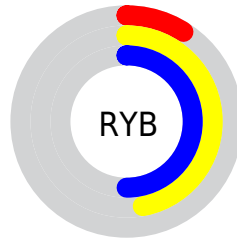
The Hex color **18801F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **801879**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **59B652**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **0B8013**, and if you desaturate by 10%, it is **25802B**.

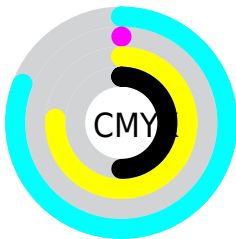
Distribution



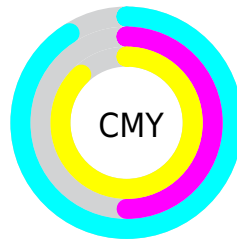
- Red (9%)
- Green (50%)
- Blue (12%)



- Red (9%)
- Yellow (47%)
- Blue (50%)



- Cyan (81%)
- Magenta (0%)
- Yellow (76%)
- Black (50%)



- Cyan (91%)
- Magenta (50%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18801F 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 18801F by changing the saturation by 10% instead.



18801F



18801F

FFFFFF



006600



59B652



004D00



75D26C



003500



91EF86



001F00



AEFFA1



000000



CBFFBC



E8FFD9



FFFFF5



18801F



18801F

■ 0B8013

■ 25802B

■ 008009

■ 328037

■ 3E8043

■ 4B804F

■ 58805B

■ 658067

■ 728073

■ 7E807F

■ 8B808A

Harmonies

Analogous

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



667600



18801F



008558

Triad

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



18801F



007BD8



CB3350

Complementary

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



18801F



801879

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.



C33485



18801F



3669D5

Square

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



18801F



0084BE



994FB6



BA4C1D

Rectangle

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



18801F



00867D



994FB6



CC2F62

Sweetspot

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



18801F



7EA681



798018



3C543D



D4D4D4



545454

Same Dimension

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



18801F



03A60E



188053



39403A



008009



000000

Inverse Universe

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



801879



A6039B



801845



40393F



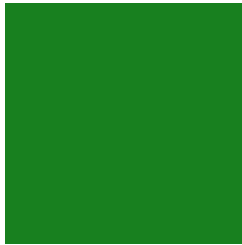
800077



000000

Previews

White Background



This preview shows how the Hex color 18801F looks on a white background.

Color Contrast Check

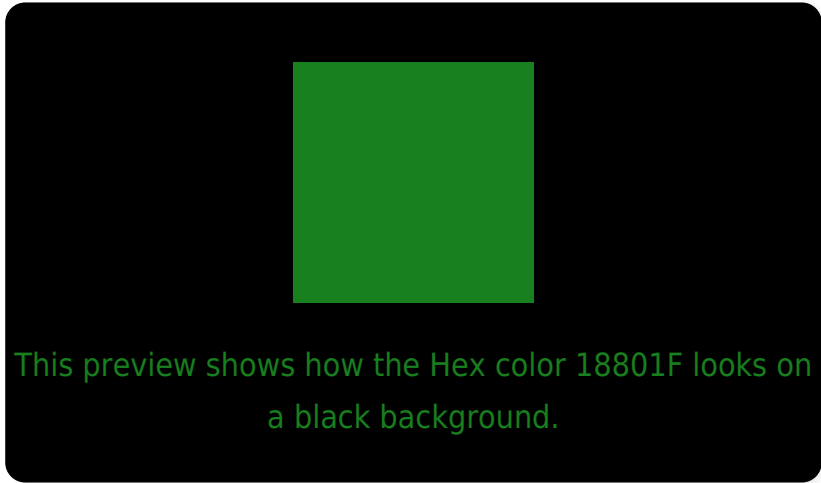
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 18801F Background



This preview shows how black text looks on a background with the Hex color 18801F.



This preview shows how white text looks on a background with the Hex color 18801F.

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
18801F

Protanopia
7C6E1A

Deuteranopia
896829



Tritanopia
397781

Trichromacy



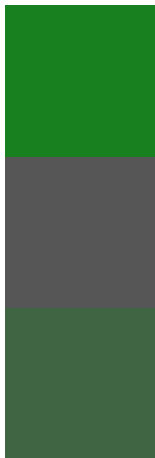
Original Color
18801F

Protanomaly
58751C

Deuteranomaly
607125

Tritanomaly
2D7A5D

Monochromacy



Original Color
18801F

Achromatopsia
565656

Achromatomaly
3F6542

CSS Examples

Text

The CSS property to change the color of the text to Hex 18801F 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 #18801F looks like.

```
.text, #text, p{  
    color:#18801F  
}
```

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 #18801F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18801F
}
```

Border

The CSS property to change the border of an element to Hex 18801F 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
#18801F }
```

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

```
.border{ border-color:#18801F }
```

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

Here you see how a box with a 4 pixel #18801F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18801F; -webkit-box-shadow:4px 4px  
4px 4px #18801F; box-shadow:4px 4px 4px  
4px #18801F }
```

Background

The CSS property to change the background color of an element to Hex 18801F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18801F }
```

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

```
.background{ background-color:#18801F }
```

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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