

Converting Colors

Hex(18631F)

Have a look what the booklet for
Hex(18631F) contains.

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Color

Hex(18631F)

Conversions

Conversions Part 1

Format	Color
Hex	18631F
RGB	24, 99, 31
RGB Percent	9%, 39%, 12%
CMY	0.9059, 0.6118, 0.8784
CMYK	0.76, 0.00, 0.69, 0.61
HSL	126°, 61%, 24%
HSV	126°, 76%, 39%
XYZ	5.0859, 9.2168, 2.8073
YIQ	68.8230, -22.8720, -37.0480

Conversions

Conversions Part 2

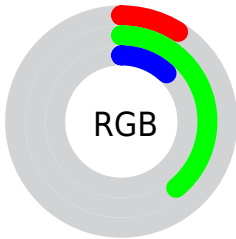
Format	Color
R_{YB}	24, 93, 99
Decimal	1598239
CIE _{Lab}	36.40, -37.44, 31.26
CIE _{LCh}	36, 48.774, 140.144
Yxy	9.2168, 0.2972, 0.5387
Android (android.graphics.Color)	4279788319 (0xFF18631F)
YUV	68.8230, -18.6467, -39.3098
Hunter-Lab	30.3592, -23.2258, 15.7689

Details

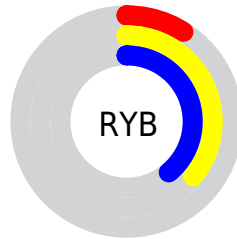
The Hex color **18631F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **63185C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **50974E**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **0E6316**, and if you desaturate by 10%, it is **226328**.

Distribution



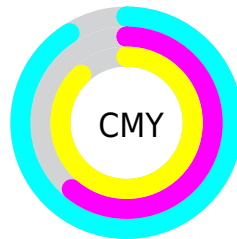
- Red (9%)
- Green (39%)
- Blue (12%)



- Red (9%)
- Yellow (36%)
- Blue (39%)



- Cyan (76%)
- Magenta (0%)
- Yellow (69%)
- Black (61%)



- Cyan (91%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18631F 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 18631F by changing the saturation by 10% instead.



18631F



18631F

FFFFFF



004A06



50974E



003300



6BB267



001E00



86CD81



000000



A1EA9B



BDFFB6



DAFFD2



F7FFE7



18631F



18631F

■ 0E6316

■ 226328

■ 04630D

■ 2C6331

■ 006309

■ 36633A

■ 406343

■ 4A634C

■ 536355

■ 5D635E

■ 676367

■ 716370

Harmonies

Analogous

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



4F5C00



18631F



006747

Triad

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



18631F



005EA3



9A2E3D

Complementary

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



18631F



63185C

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.



952E64



18631F



3851A0

Square

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



18631F



006591



773E88



8D3E19

Rectangle

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



18631F



006762



773E88



9B2B4A

Sweetspot

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



18631F



628065



5D6318



2E4030



BFBFBF



404040

Same Dimension

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



18631F



0B8016



186344



2C302C



00700A



00F016

Inverse Universe

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



63185C



800B75



631837



302C30



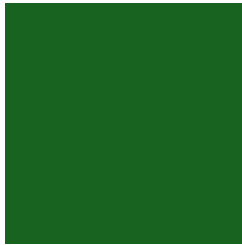
700066



F000D9

Previews

White Background



This preview shows how the Hex color 18631F looks on a white background.

Color Contrast Check

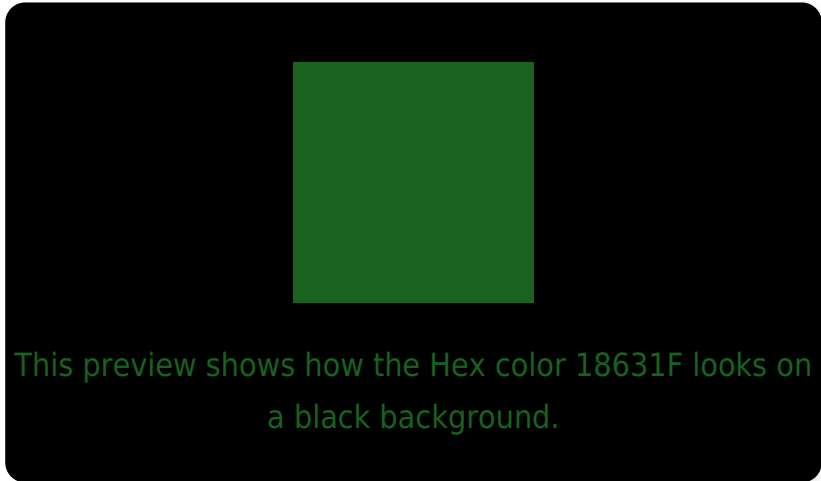
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

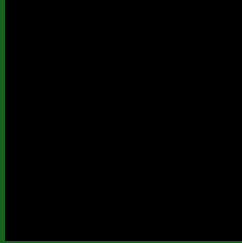
Any Text WCAG AA × Fail

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 18631F Background



This preview shows how black text looks on a background with the Hex color 18631F.



This preview shows how white text looks on a background with the Hex color 18631F.

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
18631F

Protanopia
60561B

Deuteranopia
6A5125

Trichromacy



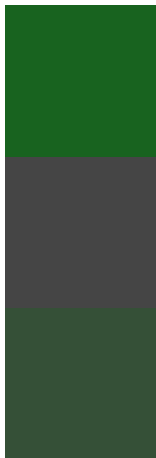
Original Color
18631F

Protanomaly
465B1C

Deuteranomaly
4C5823

Tritanomaly
265F4B

Monochromacy



Original Color
18631F

Achromatopsia
454545

Achromatomaly
355037

CSS Examples

Text

The CSS property to change the color of the text to Hex 18631F 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 #18631F looks like.

```
.text, #text, p{  
    color:#18631F  
}
```

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 #18631F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18631F
}
```

Border

The CSS property to change the border of an element to Hex 18631F 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".

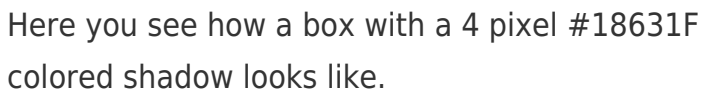
```
.border, #border, table{ border:4px solid
#18631F }
```

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

```
.border{ border-color:#18631F }
```

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

Here you see how a box with a 4 pixel #18631F colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18631F; -webkit-box-shadow:4px 4px  
4px 4px #18631F; box-shadow:4px 4px 4px  
4px #18631F }
```

Background

The CSS property to change the background color of an element to Hex 18631F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18631F }
```

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

```
.background{ background-color:#18631F }
```

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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