

Converting Colors

Hex(1B5D1F)

Have a look what the booklet for
Hex(1B5D1F) contains.

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Color

Hex(1B5D1F)

Conversions

Conversions Part 1

Format	Color
Hex	1B5D1F
RGB	27, 93, 31
RGB Percent	11%, 36%, 12%
CMY	0.8941, 0.6353, 0.8784
CMYK	0.71, 0.00, 0.67, 0.64
HSL	124°, 55%, 24%
HSV	124°, 71%, 36%
XYZ	4.6137, 8.1606, 2.6283
YIQ	66.1980, -19.4340, -33.2740

Conversions

Conversions Part 2

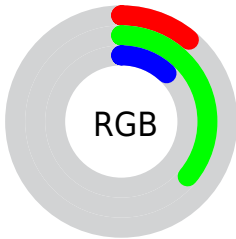
Format	Color
R_{YB}	27, 89, 93
Decimal	1793311
CIE Lab	34.32, -34.48, 28.95
CIE LCh	34, 45.024, 139.986
Yxy	8.1606, 0.2995, 0.5298
Android (android.graphics.Color)	4279983391 (0xFF1B5D1F)
YUV	66.1980, -17.3526, -34.3766
Hunter-Lab	28.5668, -21.1634, 14.5418

Details

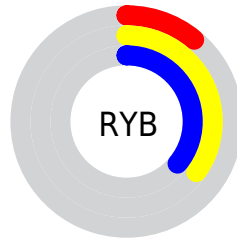
The Hex color **1B5D1F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D1B59**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **51904E**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **125D16**, and if you desaturate by 10%, it is **245D28**.

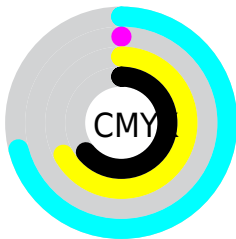
Distribution



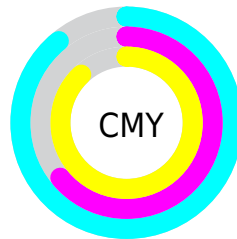
- Red (11%)
- Green (36%)
- Blue (12%)



- Red (11%)
- Yellow (35%)
- Blue (36%)



- Cyan (71%)
- Magenta (0%)
- Yellow (67%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5D1F 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 1B5D1F by changing the saturation by 10% instead.

■ 1B5D1F

■ 1B5D1F

FFFFFF

■ 004507

■ 51904E

■ 002E00

■ 6BAB66

■ 001800

■ 86C680

■ 000000

■ A1E39A

■ BDFFB5

■ D9FFD1

■ F6FFEE

■ 1B5D1F

■ 1B5D1F

■ 125D16

■ 245D28

■ 085D0E

■ 2E5D30

■ 005D06

■ 375D39

■ 405D42

■ 4A5D4B

■ 535D53

■ 5C5D5C

■ 655D65

■ 6F5D6E

Harmonies

Analogous

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



4B5600



1B5D1F



006043

Triad

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



1B5D1F



005897



902E3A

Complementary

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



1B5D1F



5D1B59

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.



8B2D5E



1B5D1F



364C94

Square

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



1B5D1F



005F87



703C7F



843B1A

Rectangle

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



1B5D1F



00615C



703C7F



902B46

Sweetspot

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



1B5D1F



5F7860



5A5D1B



2E3D2F



BDBDBD



3D3D3D

Same Dimension

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



1B5D1F



127818



1B5D3F



292E2A



006E07



00ED0E

Inverse Universe

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



5D1B59



781272



5D1B39



2E292E



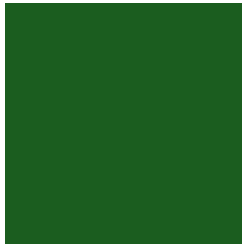
6E0067



ED00DF

Previews

White Background



This preview shows how the Hex color 1B5D1F looks on a white background.

Color Contrast Check

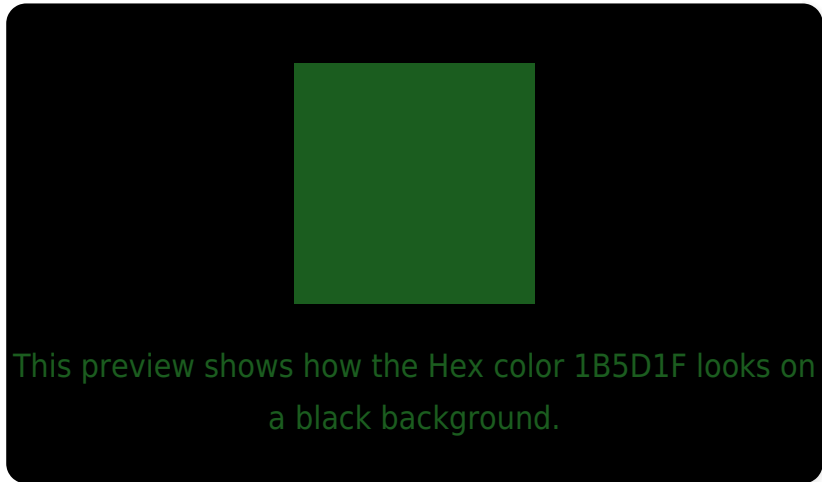
Large Text (above 18pt) WCAG AA ✓ Pass

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

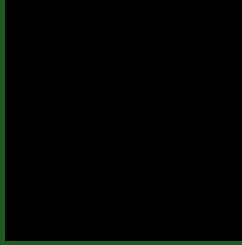
Any Text WCAG AA × Fail

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 1B5D1F Background



This preview shows how black text looks on a background with the Hex color 1B5D1F.



This preview shows how white text looks on a background with the Hex color 1B5D1F.

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
1B5D1F

Protanopia
5A511C

Deuteranopia
644D24

Trichromacy



Original Color
1B5D1F

Protanomaly
43551D

Deuteranomaly
495322

Tritanomaly
265947

Monochromacy



Original Color
1B5D1F

Achromatopsia
424242

Achromatomaly
344C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5D1F 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 #1B5D1F looks like.

```
.text, #text, p{  
    color:#1B5D1F  
}
```

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 #1B5D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5D1F
}
```

Border

The CSS property to change the border of an element to Hex 1B5D1F 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
#1B5D1F }
```

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

```
.border{ border-color:#1B5D1F }
```

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

Here you see how a box with a 4 pixel #1B5D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5D1F; -webkit-box-shadow:4px 4px  
4px 4px #1B5D1F; box-shadow:4px 4px 4px  
4px #1B5D1F }
```

Background

The CSS property to change the background color of an element to Hex 1B5D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5D1F }
```

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

```
.background{ background-color:#1B5D1F }
```

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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