

Converting Colors

Hex(1B7818)

Have a look what the booklet for
Hex(1B7818) contains.

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Color

Hex(1B7818)

Conversions

Conversions Part 1

Format	Color
Hex	1B7818
RGB	27, 120, 24
RGB Percent	11%, 47%, 9%
CMY	0.8941, 0.5294, 0.9059
CMYK	0.78, 0.00, 0.80, 0.53
HSL	118°, 67%, 28%
HSV	118°, 80%, 47%
XYZ	7.3333, 13.7319, 3.1282
YIQ	81.2490, -24.6120, -49.5720

Conversions

Conversions Part 2

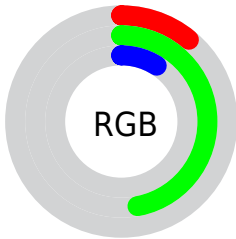
Format	Color
RYB	24, 120, 117
Decimal	1800216
CIELab	43.85, -45.10, 41.93
CIELCh	44, 61.578, 137.086
Yxy	13.7319, 0.3031, 0.5676
Android (android.graphics.Color)	4279990296 (0xFF1B7818)
YUV	81.2490, -28.2238, -47.5764
Hunter-Lab	37.0566, -29.5246, 20.9346

Details

The Hex color **1B7818** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **751878**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **58AD4B**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **0F780C**, and if you desaturate by 10%, it is **277824**.

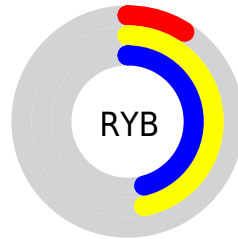
Distribution



Red (11%)

Green (47%)

Blue (9%)



Red (9%)

Yellow (47%)

Blue (46%)

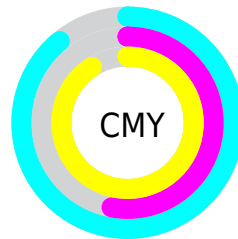


Cyan (78%)

Magenta (0%)

Yellow (80%)

Black (53%)



Cyan (89%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7818 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 1B7818 by changing the saturation by 10% instead.



1B7818



1B7818

FFFFFF



005F00



58AD4B



004600



74C965



002F00



90E57F



001600



ACFF9A



000000



C9FFB5



E6FFD1



FFFFEE



1B7818



1B7818

■ 0F780C

■ 277824

■ 047800

■ 327830

■ 3E783C

■ 4A7848

■ 557854

■ 617860

■ 6C786C

■ 787878

■ 847884

Harmonies

Analogous

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



626E00



1B7818



007D4F

Triad

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



1B7818



0074CC



C12E4D

Complementary

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



1B7818



751878

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.



B73080



1B7818



2564CA

Square

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



1B7818



007CB2



8D4BAE



B1451C

Rectangle

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



1B7818



007E73



8D4BAE



C02A5E

Sweetspot

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



1B7818



779C76



787518



394F38



CFCFCF



4F4F4F

Same Dimension

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



1B7818



0B9C06



187845



373D37



047D00



08FC00

Inverse Universe

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



751878



97069C



78184B



3D373D



79007D



F500FC

Previews

White Background



This preview shows how the Hex color 1B7818 looks on a white background.

Color Contrast Check

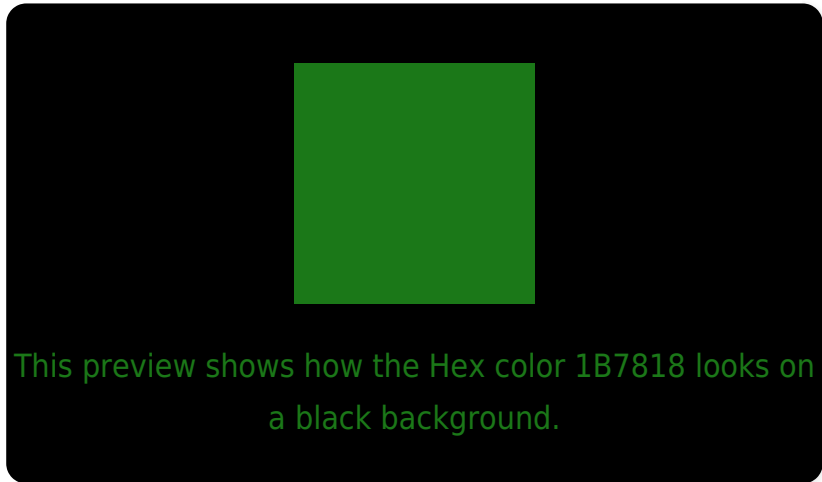
Large Text (above 18pt) WCAG AA ✓ Pass

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

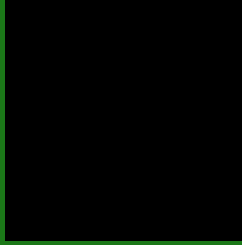
Any Text WCAG AA × Fail

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 1B7818 Background



This preview shows how black text looks on a background with the Hex color 1B7818.



This preview shows how white text looks on a background with the Hex color 1B7818.

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
1B7818

Protanopia
746714

Deuteranopia
816222



Tritanopia
377079

Trichromacy



Original Color
1B7818



Protanomaly
546D15



Deuteranomaly
5C6A1E



Tritanomaly
2D7356

Monochromacy



Original Color
1B7818



Achromatopsia
515151



Achromatomaly
3D5F3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7818 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 #1B7818 looks like.

```
.text, #text, p{  
    color:#1B7818  
}
```

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 #1B7818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7818
}
```

Border

The CSS property to change the border of an element to Hex 1B7818 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".

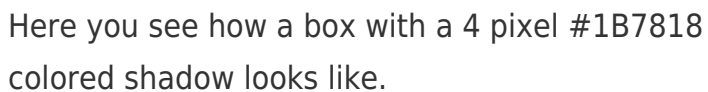
```
.border, #border, table{ border:4px solid
#1B7818 }
```

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

```
.border{ border-color:#1B7818 }
```

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

Here you see how a box with a 4 pixel #1B7818 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #1B7818 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7818; -webkit-box-shadow:4px 4px  
4px 4px #1B7818; box-shadow:4px 4px 4px  
4px #1B7818 }
```

Background

The CSS property to change the background color of an element to Hex 1B7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7818 }
```

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

```
.background{ background-color:#1B7818 }
```

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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