

Converting Colors

Hex(1B3917)

Have a look what the booklet for
Hex(1B3917) contains.

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Color

Hex(1B3917)

Conversions

Conversions Part 1

Format	Color
Hex	1B3917
RGB	27, 57, 23
RGB Percent	11%, 22%, 9%
CMY	0.8941, 0.7765, 0.9098
CMYK	0.53, 0.00, 0.60, 0.78
HSL	113°, 43%, 16%
HSV	113°, 60%, 22%
XYZ	2.0698, 3.2211, 1.3233
YIQ	44.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

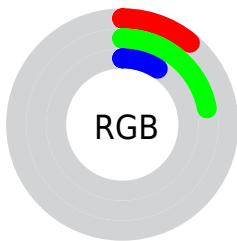
Format	Color
RYB	23, 57, 53
Decimal	1784087
CIELab	20.91, -19.46, 17.65
CIELCh	21, 26.276, 137.792
Yxy	3.2211, 0.3129, 0.4870
Android (android.graphics.Color)	4279974167 (0xFF1B3917)
YUV	44.1540, -10.4289, -15.0441
Hunter-Lab	17.9475, -10.8228, 8.1918

Details

The Hex color **1B3917** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **351739**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **496843**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **163911**, and if you desaturate by 10%, it is **20391D**.

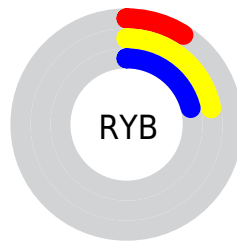
Distribution



Red (11%)

Green (22%)

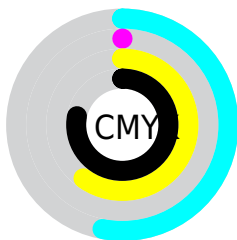
Blue (9%)



Red (9%)

Yellow (22%)

Blue (21%)

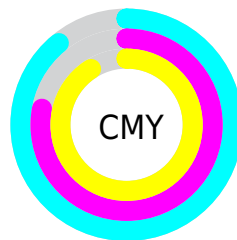


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (78%)



Cyan (89%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3917 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 1B3917 by changing the saturation by 10% instead.

 1B3917

 1B3917

 FFFFFB

 072300

 496843

 000600

 62825A

 000000

 7B9C73

 95B78D

 B0D2A7

 CCEFC3

 E8FFDF

 1B3917

 1B3917

■ 163911

■ 20391D

■ 11390C

■ 253922

■ 0C3906

■ 2A3928

■ 073900

■ 2F392E

■ 343934

■ 393939

■ 3E393F

■ 433945

■ 48394A

Harmonies

Analogous

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



32350A



1B3917



003B29

Triad

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



1B3917



003758



562128

Complementary

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



1B3917



351739

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.



52223B



1B3917



253057

Square

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



1B3917



003A4E



42284C



502716

Rectangle

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



1B3917



003C37



42284C



56212E

Sweetspot

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



1B3917



3E4A3D



393417



1F261E



A6A6A6



262626

Same Dimension

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



1B3917



1B4A15



173923



1A1C19



0B5C00



1ADB00

Inverse Universe

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



351739



44154A



39172D



1C191C



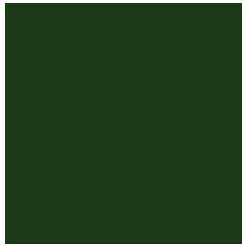
51005C



C200DB

Previews

White Background



This preview shows how the Hex color 1B3917 looks on a white background.

Color Contrast Check

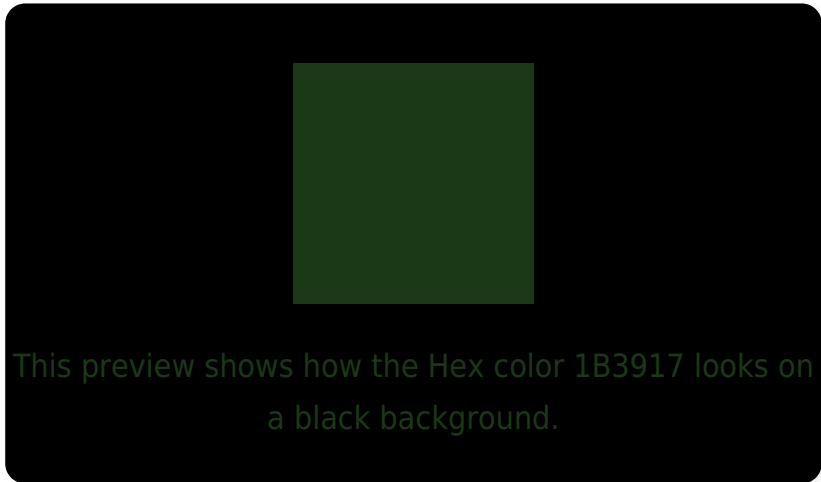
Large Text (above 18pt) WCAG AA ✓ Pass

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

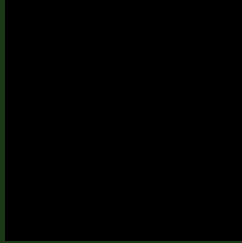
Any Text WCAG AA × Fail

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 1B3917 Background



This preview shows how black text looks on a background with the Hex color 1B3917.



This preview shows how white text looks on a background with the Hex color 1B3917.

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](#).

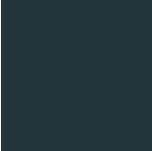
Dichromacy



Original Color
1B3917

Protanopia
383215

Deuteranopia
3E301A



Tritanopia
22353A

Trichromacy



Original Color
1B3917

Protanomaly
2D3516

Deuteranomaly
313319

Tritanomaly
1F362D

Monochromacy



Original Color
1B3917

Achromatopsia
2C2C2C

Achromatomaly
263124

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3917 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 #1B3917 looks like.

```
.text, #text, p{  
    color:#1B3917  
}
```

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 #1B3917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3917
}
```

Border

The CSS property to change the border of an element to Hex 1B3917 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
#1B3917 }
```

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

```
.border{ border-color:#1B3917 }
```

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

Here you see how a box with a 4 pixel #1B3917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3917; -webkit-box-shadow:4px 4px  
4px 4px #1B3917; box-shadow:4px 4px 4px  
4px #1B3917 }
```

Background

The CSS property to change the background color of an element to Hex 1B3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3917 }
```

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

```
.background{ background-color:#1B3917 }
```

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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