

Converting Colors

Hex(1B3016)

Have a look what the booklet for
Hex(1B3016) contains.

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Color

Hex(1B3016)

Conversions

Conversions Part 1

Format	Color
Hex	1B3016
RGB	27, 48, 22
RGB Percent	11%, 19%, 9%
CMY	0.8941, 0.8118, 0.9137
CMYK	0.44, 0.00, 0.54, 0.81
HSL	108°, 37%, 14%
HSV	108°, 54%, 19%
XYZ	1.6538, 2.4048, 1.1361
YIQ	38.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

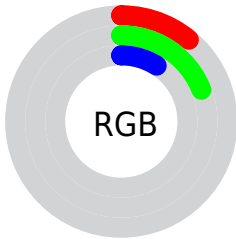
Format	Color
R_{YB}	22, 48, 43
Decimal	1781782
CIE _{Lab}	17.48, -14.76, 14.03
CIE _{LCh}	17, 20.360, 136.459
Yxy	2.4048, 0.3184, 0.4629
Android (android.graphics.Color)	4279971862 (0xFF1B3016)
YUV	38.7570, -8.2612, -10.3109
Hunter-Lab	15.5076, -8.1025, 6.5117

Details

The Hex color **1B3016** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B1630**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **485E41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **173011**, and if you desaturate by 10%, it is **1F301B**.

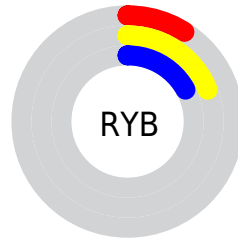
Distribution



Red (11%)

Green (19%)

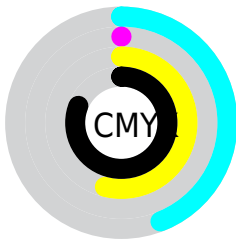
Blue (9%)



Red (9%)

Yellow (19%)

Blue (17%)

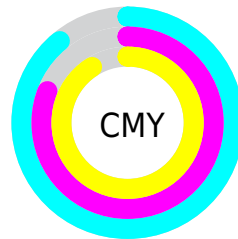


Cyan (44%)

Magenta (0%)

Yellow (54%)

Black (81%)



Cyan (89%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3016 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 1B3016 by changing the saturation by 10% instead.

 1B3016

 1B3016

 FFFFF9

 041C00

 485E41

 000000

 607759

 799171

 93AB8B

 ADC7A5

 C9E3C0

 E5FFDC

 1B3016

 1B3016

■ 173011

■ 1F301B

■ 13300C

■ 233020

■ 0F3008

■ 273024

■ 0B3003

■ 2B3029

■ 093000

■ 2E302E

■ 323033

■ 363038

■ 3A303C

■ 3E3041

Harmonies

Analogous

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



2C2D0D



1B3016



023224

Triad

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



1B3016



002E47



461F23

Complementary

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



1B3016



2B1630

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.



431F32



1B3016



212A47

Square

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



1B3016



003140



36243F



432216

Rectangle

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



1B3016



00322E



36243F



461E28

Sweetspot

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



1B3016



353D33



302B16



1A1F19



9E9E9E



1F1F1F

Same Dimension

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



1B3016



1D3D15



16301E



151715



115700



29D600

Inverse Universe

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



2B1630



36153D



301628



171517



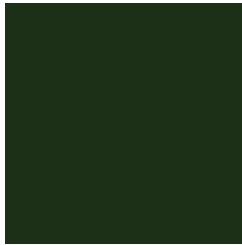
460057



AD00D6

Previews

White Background



This preview shows how the Hex color 1B3016 looks on a white background.

Color Contrast Check

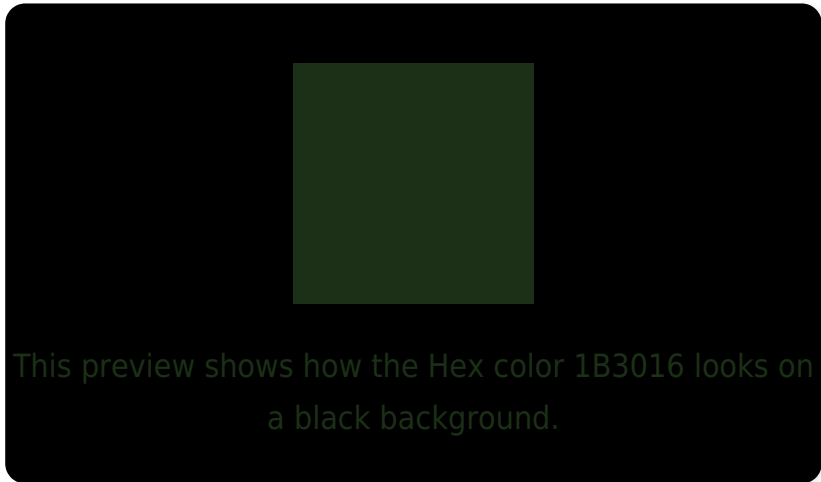
Large Text (above 18pt) WCAG AA ✓ Pass

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

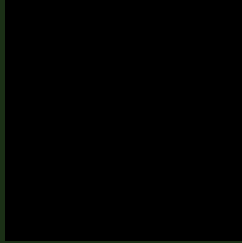
Any Text WCAG AA × Fail

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 1B3016 Background



This preview shows how black text looks on a background with the Hex color 1B3016.



This preview shows how white text looks on a background with the Hex color 1B3016.

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
1B3016

Protanopia
302B14

Deuteranopia
342918

Trichromacy



Original Color

1B3016

Protanomaly

282D15

Deuteranomaly

2B2C17

Tritanomaly

1E2E27

Monochromacy



Original Color

1B3016

Achromatopsia

272727

Achromatomaly

232A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3016 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 #1B3016 looks like.

```
.text, #text, p{  
    color:#1B3016  
}
```

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 #1B3016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3016
}
```

Border

The CSS property to change the border of an element to Hex 1B3016 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".

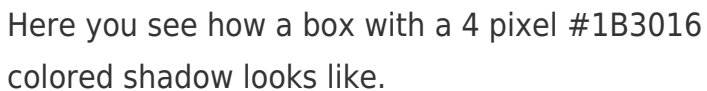
```
.border, #border, table{ border:4px solid
#1B3016 }
```

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

```
.border{ border-color:#1B3016 }
```

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

Here you see how a box with a 4 pixel #1B3016 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3016; -webkit-box-shadow:4px 4px  
4px 4px #1B3016; box-shadow:4px 4px 4px  
4px #1B3016 }
```

Background

The CSS property to change the background color of an element to Hex 1B3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3016 }
```

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

```
.background{ background-color:#1B3016 }
```

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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