

Converting Colors

Hex(1B1B16)

Have a look what the booklet for
Hex(1B1B16) contains.

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Color

Hex(1B1B16)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B16
RGB	27, 27, 22
RGB Percent	11%, 11%, 9%
CMY	0.8941, 0.8941, 0.9137
CMYK	0.00, 0.00, 0.19, 0.89
HSL	60°, 10%, 10%
HSV	60°, 19%, 11%
XYZ	0.9887, 1.0748, 0.9144
YIQ	26.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

Format	Color
RYB	22, 27, 22
Decimal	1776406
CIELab	9.60, -1.19, 3.47
CIElCh	10, 3.672, 108.988
Yxy	1.0748, 0.3320, 0.3609
Android (android.graphics.Color)	4279966486 (0xFF1B1B16)
YUV	26.4300, -2.1840, 0.4999
Hunter-Lab	10.3673, -1.1189, 2.0277

Details

The Hex color **1B1B16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16161B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **464640**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B1B13**, and if you desaturate by 10%, it is **1B1B19**.

Distribution



Red (11%)

Green (11%)

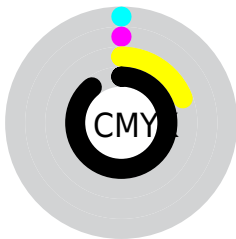
Blue (9%)



Red (9%)

Yellow (11%)

Blue (9%)



Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B16 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 1B1B16 by changing the saturation by 10% instead.

■ 1B1B16

■ 1B1B16

■ FEFEF7

■ 000000

■ 464640

■ 5E5E58

■ 767670

■ 909089

■ ABAAA4

■ C6C6BF

■ E2E2DB

■ 1B1B16

■ 1B1B16

■ 1B1B13

■ 1B1B19

■ 1B1B11

■ 1B1B1B

■ 1B1B0E

■ 1B1B1E

■ 1B1B0B

■ 1B1B21

■ 1B1B08

■ 1B1B24

■ 1B1B06

■ 1B1B26

■ 1B1B03

■ 1B1B29

■ 1B1B00

■ 1B1B2C

■ 1B1B2E

Harmonies

Analogous

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



1E1A16



1B1B16



181C17

Triad

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



1B1B16



151C1E



1F191C

Complementary

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



1B1B16



16161B

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.



1D1A1E



1B1B16



171B1F

Square

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



1B1B16



141C1C



1A1A1F



201919

Rectangle

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



1B1B16



161C19



1A1A1F



1F191C

Sweetspot

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



1B1B16



242422



1B1616



121211



919191



121212

Same Dimension

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



1B1B16



24241C



191B16



0D0D0B



4D4D00



CCCC00

Inverse Universe

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



16161B



1C1C24



19161B



0B0B0D



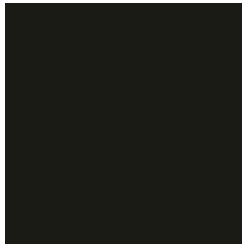
00004D



0000CC

Previews

White Background



This preview shows how the Hex color 1B1B16 looks on a white background.

Color Contrast Check

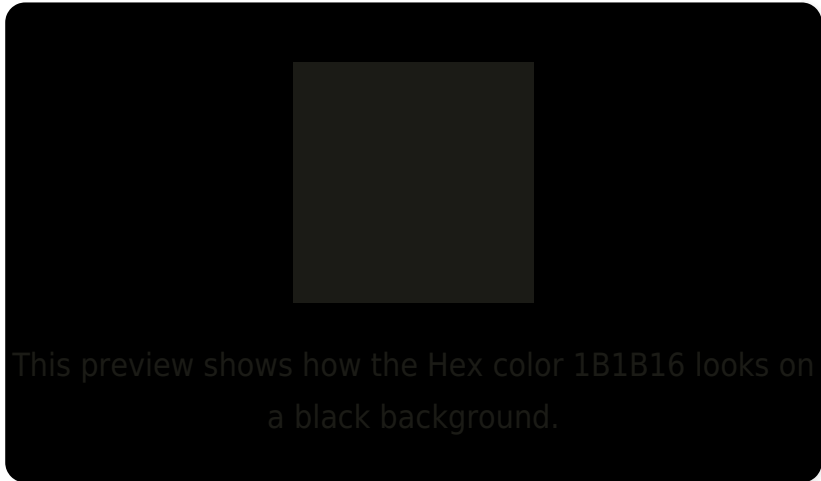
Large Text (above 18pt) WCAG AA ✓ Pass

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

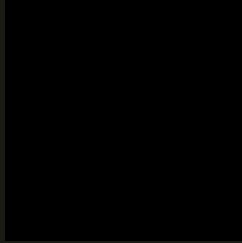
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

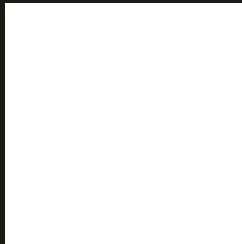
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1B1B16 Background



This preview shows how black text looks on a background with the Hex color 1B1B16.

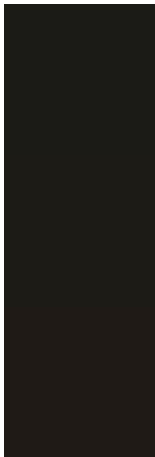


This preview shows how white text looks on a background with the Hex color 1B1B16.

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

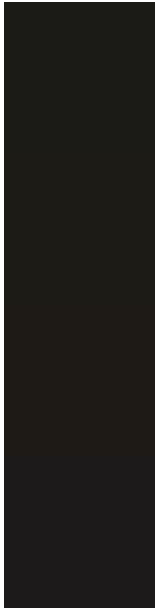


Original Color
1B1B16

Protanopia
1C1B16

Deuteranopia
1F1A16

Trichromacy



Original Color

1B1B16

Protanomaly

1C1B16

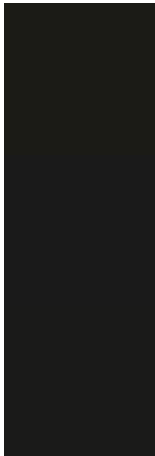
Deuteranomaly

1E1A16

Tritanomaly

1C1A1A

Monochromacy



Original Color

1B1B16

Achromatopsia

1A1A1A

Achromatomaly

1A1A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B16 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 #1B1B16 looks like.

```
.text, #text, p{  
    color:#1B1B16  
}
```

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 #1B1B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B16
}
```

Border

The CSS property to change the border of an element to Hex 1B1B16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

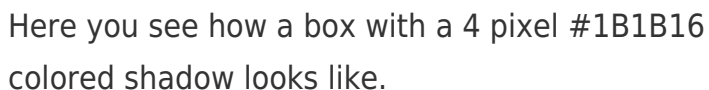
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1B16 }
```

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

```
.border{ border-color:#1B1B16 }
```

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



Here you see how a box with a 4 pixel #1B1B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B16; -webkit-box-shadow:4px 4px  
4px 4px #1B1B16; box-shadow:4px 4px 4px  
4px #1B1B16 }
```

Background

The CSS property to change the background color of an element to Hex 1B1B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B16 }
```

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

```
.background{ background-color:#1B1B16 }
```

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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