

Converting Colors

Hex(1B1B1C)

Have a look what the booklet for
Hex(1B1B1C) contains.

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Color

Hex(1B1B1C)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B1C
RGB	27, 27, 28
RGB Percent	11%, 11%, 11%
CMY	0.8941, 0.8941, 0.8902
CMYK	0.04, 0.04, 0.00, 0.89
HSL	240°, 2%, 11%
HSV	240°, 4%, 11%
XYZ	1.0535, 1.1007, 1.2555
YIQ	27.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	27, 27, 28
Decimal	1776412
CIE Lab	9.80, 0.26, -0.69
CIE LCh	10, 0.742, 290.448
Yxy	1.1007, 0.3090, 0.3228
Android (android.graphics.Color)	4279966492 (0xFF1B1B1C)
YUV	27.1140, 0.4368, -0.1000
Hunter-Lab	10.4915, -0.4357, 0.2487

Details

The Hex color **1B1B1C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C1C1B**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **464647**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18181C**, and if you desaturate by 10%, it is **1E1E1C**.

Distribution



Red (11%)

Green (11%)

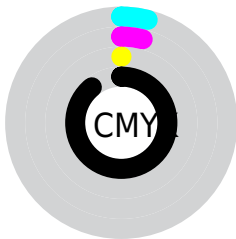
Blue (11%)



Red (11%)

Yellow (11%)

Blue (11%)



Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B1C 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 1B1B1C by changing the saturation by 10% instead.

■ 1B1B1C

■ 1B1B1C

FEFEFF

■ 000001

■ 464647

■ 000000

■ 5E5E5F

■ 767678

■ 909091

■ AAAAAC

■ C6C6C7

■ E2E2E3

■ 1B1B1C

■ 1B1B1C

■ 18181C

■ 1E1E1C

■ 15151C

■ 21211C

■ 13131C

■ 23231C

■ 10101C

■ 26261C

■ 0D0D1C

■ 29291C

■ 0A0A1C

■ 2C2C1C

■ 07071C

■ 2F2F1C

■ 05051C

■ 31311C

■ 02021C

■ 34341C

Harmonies

Analogous

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



1A1B1C



1B1B1C



1C1B1C

Triad

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



1B1B1C



1C1B1A



1A1B1B

Complementary

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



1B1B1C



1C1C1B

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.



1B1B1A



1B1B1C



1C1B1A

Square

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



1B1B1C



1C1B1B



1B1B1A



1A1B1B

Rectangle

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



1B1B1C



1C1B1B



1B1B1A



1A1B1B

Sweetspot

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



1B1B1C



232324



1B1C1C



121212



919191

Same Dimension

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



1B1B1C



222224



0C0C0D



00004D



0000CC

Inverse Universe

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



1C1B1C



242224



1B1C1B



0D0C0D



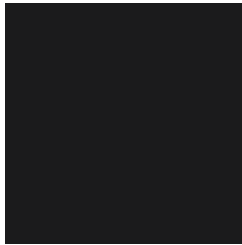
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 1B1B1C looks on a white background.

Color Contrast Check

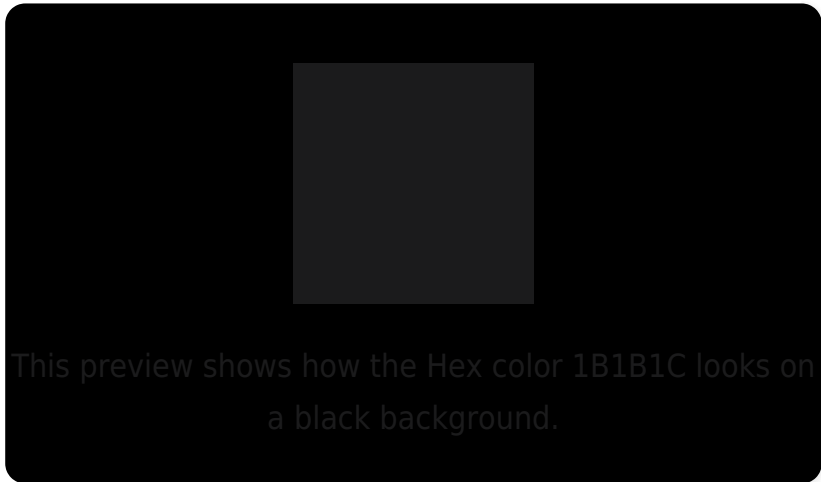
Large Text (above 18pt) WCAG AA ✓ Pass

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

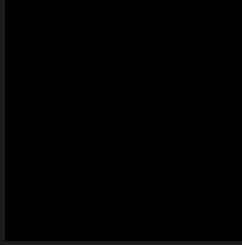
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

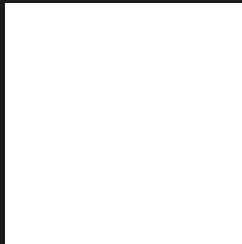
Any Text WCAG AAA × Fail

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

Hex 1B1B1C Background



This preview shows how black text looks on a background with the Hex color 1B1B1C.

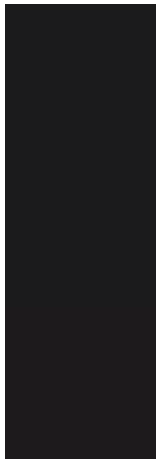


This preview shows how white text looks on a background with the Hex color 1B1B1C.

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
1B1B1C

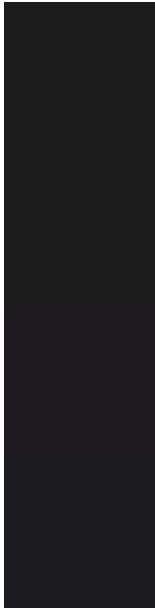
Protanopia
1B1B1C

Deuteranopia
1D1A1C



Tritanopia
1B1B1D

Trichromacy



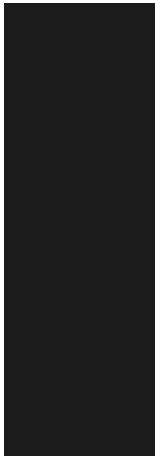
Original Color
1B1B1C

Protanomaly
1B1B1C

Deuteranomaly
1C1A1C

Tritanomaly
1B1B1D

Monochromacy



Original Color
1B1B1C

Achromatopsia
1B1B1B

Achromatomaly
1B1B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B1C 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 #1B1B1C looks like.

```
.text, #text, p{  
    color:#1B1B1C  
}
```

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 #1B1B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B1C
}
```

Border

The CSS property to change the border of an element to Hex 1B1B1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

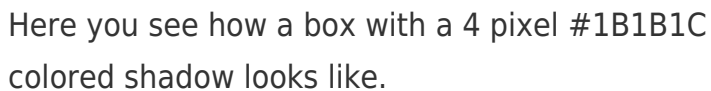
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1B1C }
```

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

```
.border{ border-color:#1B1B1C }
```

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



Here you see how a box with a 4 pixel #1B1B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B1C; -webkit-box-shadow:4px 4px  
4px 4px #1B1B1C; box-shadow:4px 4px 4px  
4px #1B1B1C }
```

Background

The CSS property to change the background color of an element to Hex 1B1B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B1C }
```

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

```
.background{ background-color:#1B1B1C }
```

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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