

Converting Colors

Hex(191C1B)

Have a look what the booklet for
Hex(191C1B) contains.

Hex(191C1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(191C1B)

Conversions

Conversions Part 1

Format	Color
Hex	191C1B
RGB	25, 28, 27
RGB Percent	10%, 11%, 11%
CMY	0.9020, 0.8902, 0.8941
CMYK	0.11, 0.00, 0.04, 0.89
HSL	160°, 6%, 10%
HSV	160°, 11%, 11%
XYZ	1.0140, 1.1163, 1.1989
YIQ	26.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

Format	Color
R_YB	25, 27, 28
Decimal	1645595
CIE Lab	9.93, -1.68, 0.20
CIE LCh	10, 1.689, 173.073
Yxy	1.1163, 0.3046, 0.3353
Android (android.graphics.Color)	4279835675 (0xFF191C1B)
YUV	26.9890, 0.0054, -1.7444
Hunter-Lab	10.5656, -1.3590, 0.6679

Details

The Hex color **191C1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C191A**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **444746**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161C1A**, and if you desaturate by 10%, it is **1C1C1C**.

Distribution



Red (10%)

Green (11%)

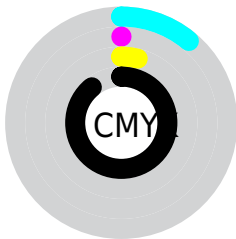
Blue (11%)



Red (10%)

Yellow (11%)

Blue (11%)



Cyan (11%)

Magenta (0%)

Yellow (4%)

Black (89%)



Cyan (90%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191C1B 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 191C1B by changing the saturation by 10% instead.

■ 191C1B

■ 191C1B

■ FBFFFE

■ 000000

■ 444746

■ 5B5F5E

■ 747876

■ 8D9190

■ A8ACAA

■ C3C7C6

■ DFE3E2

■ 191C1B

■ 191C1B

■ 161C1A

■ 1C1C1C

■ 131C19

■ 1F1C1D

■ 111C18

■ 211C1E

■ 0E1C17

■ 241C1F

■ 0B1C16

■ 271C20

■ 081C15

■ 2A1C21

■ 051C14

■ 2D1C22

■ 031C14

■ 2F1C22

■ 001C13

■ 321C23

Harmonies

Analogous

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



1A1C1A



191C1B



191C1C

Triad

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



191C1B



1B1B1D



1E1B1A

Complementary

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



191C1B



1C191A

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.



1E1B1A



191C1B



1D1B1D

Square

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



191C1B



1A1B1E



1E1B1C



1D1B19

Rectangle

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



191C1B



191C1D



1E1B1C



1E1B1A

Sweetspot

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



191C1B



232423



1A1C19



111212



919191



121212

Same Dimension

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



191C1B



1F2422



191B1C



0B0D0C



004D33



00CC88

Inverse Universe

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



1C191A



241F21



1C1919



0D0B0C



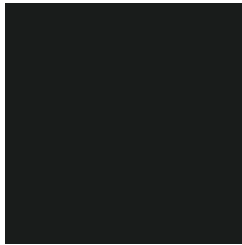
4D001A



CC0044

Previews

White Background



This preview shows how the Hex color 191C1B looks on a white background.

Color Contrast Check

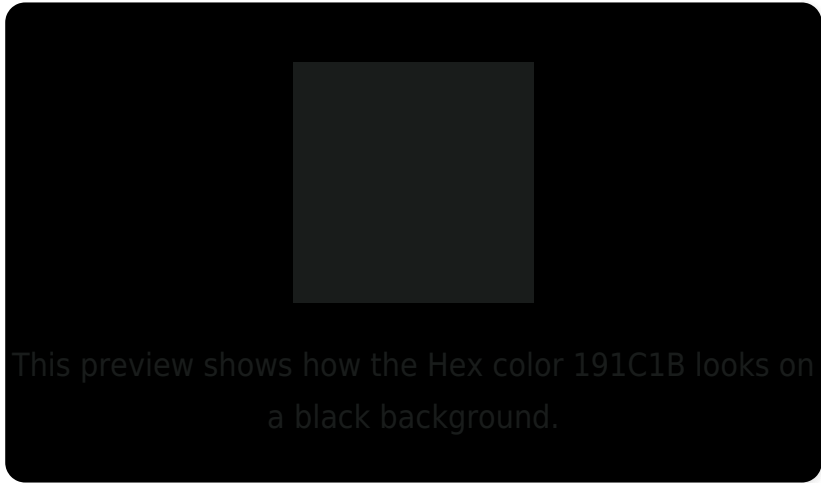
Large Text (above 18pt) WCAG AA ✓ Pass

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

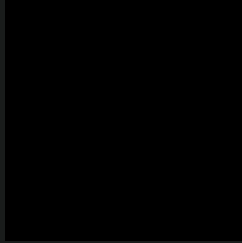
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

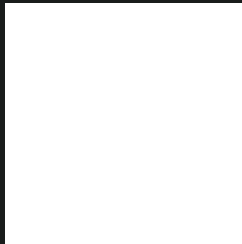
Any Text WCAG AAA × Fail

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

Hex 191C1B Background



This preview shows how black text looks on a background with the Hex color 191C1B.

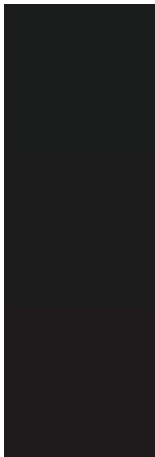


This preview shows how white text looks on a background with the Hex color 191C1B.

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
191C1B

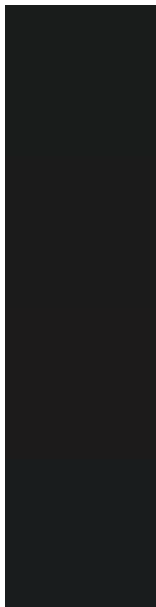
Protanopia
1C1B1B

Deuteranopia
1E1A1B



Tritanopia
191C1E

Trichromacy



Original Color

191C1B

Protanomaly

1B1B1B

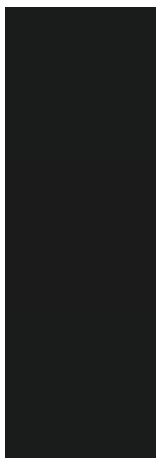
Deuteranomaly

1C1B1B

Tritanomaly

191C1D

Monochromacy



Original Color

191C1B

Achromatopsia

1B1B1B

Achromatomaly

1A1B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 191C1B 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 #191C1B looks like.

```
.text, #text, p{  
    color:#191C1B  
}
```

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 #191C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191C1B
}
```

Border

The CSS property to change the border of an element to Hex 191C1B 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
#191C1B }
```

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

```
.border{ border-color:#191C1B }
```

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

Here you see how a box with a 4 pixel #191C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191C1B; -webkit-box-shadow:4px 4px  
4px 4px #191C1B; box-shadow:4px 4px 4px  
4px #191C1B }
```

Background

The CSS property to change the background color of an element to Hex 191C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191C1B }
```

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

```
.background{ background-color:#191C1B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor