

Converting Colors

Hex(1C1C18)

Have a look what the booklet for
Hex(1C1C18) contains.

Hex(1C1C18)	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(1C1C18)

Conversions

Conversions Part 1

Format	Color
Hex	1C1C18
RGB	28, 28, 24
RGB Percent	11%, 11%, 9%
CMY	0.8902, 0.8902, 0.9059
CMYK	0.00, 0.00, 0.14, 0.89
HSL	60°, 8%, 10%
HSV	60°, 14%, 11%
XYZ	1.0590, 1.1433, 1.0290
YIQ	27.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

Format	Color
R_{YB}	24, 28, 24
Decimal	1842200
CIE Lab	10.13, -0.96, 2.77
CIE LCh	10, 2.934, 109.198
Yxy	1.1433, 0.3277, 0.3538
Android (android.graphics.Color)	4280032280 (0xFF1C1C18)
YUV	27.5440, -1.7472, 0.3999
Hunter-Lab	10.6927, -1.0334, 1.7790

Details

The Hex color **1C1C18** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18181C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **474743**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1C15**, and if you desaturate by 10%, it is **1C1C1B**.

Distribution



Red (11%)

Green (11%)

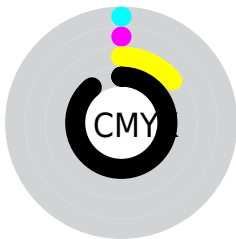
Blue (9%)



Red (9%)

Yellow (11%)

Blue (9%)



Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1C18 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 1C1C18 by changing the saturation by 10% instead.

■ 1C1C18

■ 1C1C18

■ FFFFFFFA

■ 000100

■ 474743

■ 000000

■ 5F5F5A

■ 787873

■ 91918C

■ ACACA6

■ C7C7C2

■ E3E3DD

■ 1C1C18

■ 1C1C18

■ 1C1C15

■ 1C1C1B

■ 1C1C12

■ 1C1C1E

■ 1C1C10

■ 1C1C20

■ 1C1C0D

■ 1C1C23

■ 1C1C0A

■ 1C1C26

■ 1C1C07

■ 1C1C29

■ 1C1C04

■ 1C1C2C

■ 1C1C02

■ 1C1C2E

■ 1C1C00

■ 1C1C31

Harmonies

Analogous

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



1E1B18



1C1C18



1A1D19

Triad

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



1C1C18



171D1F



1F1A1D

Complementary

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



1C1C18



18181C

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.



1E1B1E



1C1C18



191C20

Square

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



1C1C18



171D1D



1B1B1F



201A1B

Rectangle

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



1C1C18



181D1A



1B1B1F



1F1B1D

Sweetspot

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



1C1C18



242422



1C1818



121211



919191



121212

Same Dimension

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



1C1C18



24241E



1A1C18



0D0D0B



4D4D00



CCCC00

Inverse Universe

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



18181C



1E1E24



1A181C



0B0B0D



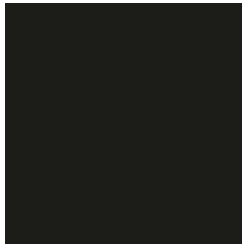
00004D



0000CC

Previews

White Background



This preview shows how the Hex color 1C1C18 looks on a white background.

Color Contrast Check

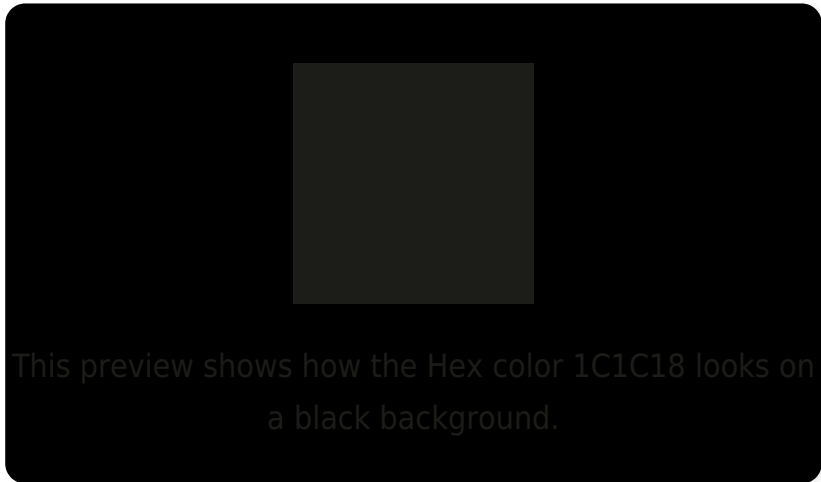
Large Text (above 18pt) WCAG AA ✓ Pass

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

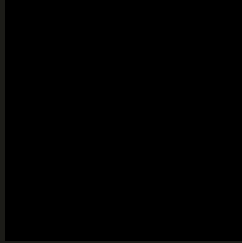
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

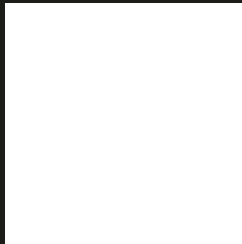
Any Text WCAG AAA × Fail

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

Hex 1C1C18 Background



This preview shows how black text looks on a background with the Hex color 1C1C18.

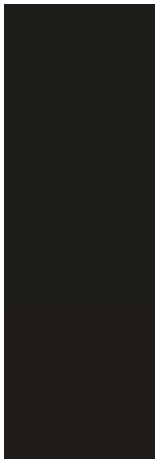


This preview shows how white text looks on a background with the Hex color 1C1C18.

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
1C1C18

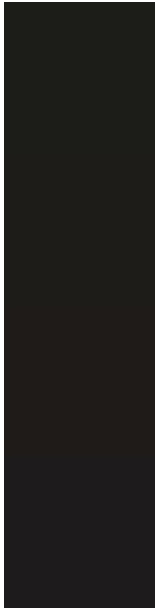
Protanopia
1D1C18

Deuteranopia
201B18



Tritanopia
1D1B1D

Trichromacy



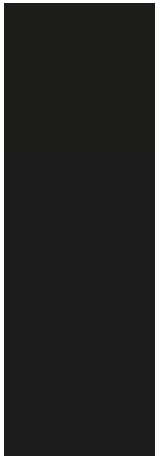
Original Color
1C1C18

Protanomaly
1D1C18

Deuteranomaly
1F1B18

Tritanomaly
1D1B1B

Monochromacy



Original Color
1C1C18

Achromatopsia
1C1C1C

Achromatomaly
1C1C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1C18 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 #1C1C18 looks like.

```
.text, #text, p{  
    color:#1C1C18  
}
```

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 #1C1C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1C18
}
```

Border

The CSS property to change the border of an element to Hex 1C1C18 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
#1C1C18 }
```

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

```
.border{ border-color:#1C1C18 }
```

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

Here you see how a box with a 4 pixel #1C1C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1C18; -webkit-box-shadow:4px 4px  
4px 4px #1C1C18; box-shadow:4px 4px 4px  
4px #1C1C18 }
```

Background

The CSS property to change the background color of an element to Hex 1C1C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1C18 }
```

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

```
.background{ background-color:#1C1C18 }
```

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