

Converting Colors

Hex(1C1900)

Have a look what the booklet for
Hex(1C1900) contains.

Hex(1C1900)	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(1C1900)

Conversions

Conversions Part 1

Format	Color
Hex	1C1900
RGB	28, 25, 0
RGB Percent	11%, 10%, 0%
CMY	0.8902, 0.9020, 1.0000
CMYK	0.00, 0.11, 1.00, 0.89
HSL	54°, 100%, 5%
HSV	54°, 100%, 11%
XYZ	0.8265, 0.9421, 0.1383
YIQ	23.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

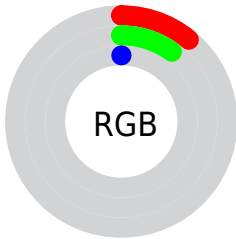
Format	Color
R_{YB}	3, 28, 0
Decimal	1841408
CIE _{Lab}	8.50, -2.78, 12.68
CIE _{LCh}	8, 12.978, 102.367
Yxy	0.9421, 0.4334, 0.4941
Android (android.graphics.Color)	4280031488 (0xFF1C1900)
YUV	23.0470, -11.3622, 4.3438
Hunter-Lab	9.7064, -1.7865, 5.9497

Details

The Hex color **1C1900** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **00031C**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **464430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1900**, and if you desaturate by 10%, it is **1C1903**.

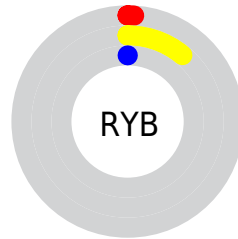
Distribution



Red (11%)

Green (10%)

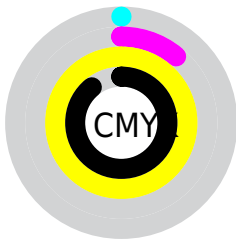
Blue (0%)



Red (1%)

Yellow (11%)

Blue (0%)

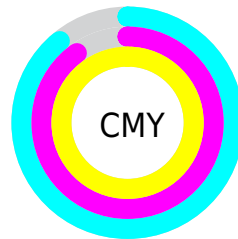


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (89%)



Cyan (89%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1900 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 1C1900 by changing the saturation by 10% instead.

 1C1900

 1C1900

 FFFBE2

 000000

 464430

 5E5B46

 77745E

 918D77

 ABA890

 C7C3AB

 E3DFC6

 1C1900

■ 1C1903

■ 1C1A06

■ 1C1A08

■ 1C1A0B

■ 1C1B0E

■ 1C1B11

■ 1C1B14

■ 1C1B16

■ 1C1C19

Harmonies

Analogous

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



231601



1C1900



111B07

Triad

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



1C1900



001D24



26121E

Complementary

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



1C1900



00031C

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.



1E1525



1C1900



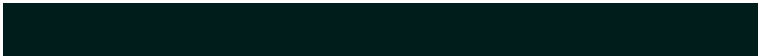
011B29

Square

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



1C1900



001D1C



111829



291215

Rectangle

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



1C1900



081D0F



111829



241321

Sweetspot

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



1C1900



242319



1C0003



12110B



919191



121212

Same Dimension

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



1C1900



242000



111C00



0D0D0B



4D4400



CCB600

Inverse Universe

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



00031C



000424



0B001C



0B0C0D



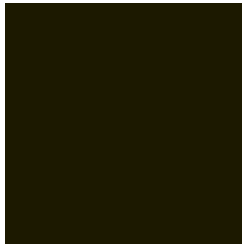
00084D



0016CC

Previews

White Background



This preview shows how the Hex color 1C1900 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

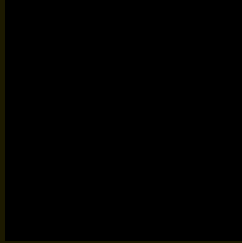
Any Text WCAG AA × Fail

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 1C1900 Background



This preview shows how black text looks on a background with the Hex color 1C1900.

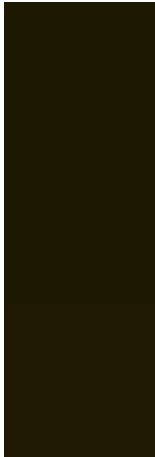


This preview shows how white text looks on a background with the Hex color 1C1900.

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](#).

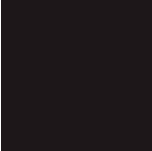
Dichromacy



Original Color
1C1900

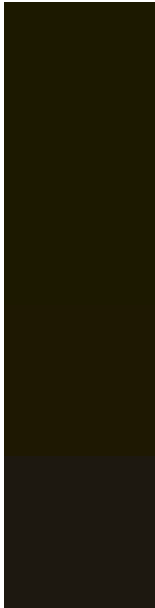
Protanopia
1C1900

Deuteranopia
1F1803



Tritanopia
1D1719

Trichromacy



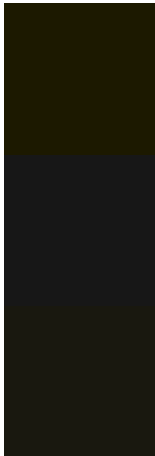
Original Color
1C1900

Protanomaly
1C1900

Deuteranomaly
1E1802

Tritanomaly
1D1810

Monochromacy



Original Color
1C1900

Achromatopsia
171717

Achromatomaly
19180F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1900 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 #1C1900 looks like.

```
.text, #text, p{  
    color:#1C1900  
}
```

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 #1C1900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1900
}
```

Border

The CSS property to change the border of an element to Hex 1C1900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

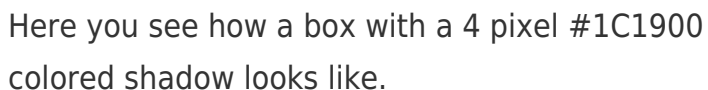
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C1900 }
```

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

```
.border{ border-color:#1C1900 }
```

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



Here you see how a box with a 4 pixel #1C1900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1900; -webkit-box-shadow:4px 4px  
4px 4px #1C1900; box-shadow:4px 4px 4px  
4px #1C1900 }
```

Background

The CSS property to change the background color of an element to Hex 1C1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1900 }
```

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

```
.background{ background-color:#1C1900 }
```

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