

Converting Colors

Hex(1C0C01)

Have a look what the booklet for
Hex(1C0C01) contains.

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Color

Hex(1C0C01)

Conversions

Conversions Part 1

Format	Color
Hex	1C0C01
RGB	28, 12, 1
RGB Percent	11%, 5%, 0%
CMY	0.8902, 0.9529, 0.9961
CMYK	0.00, 0.57, 0.96, 0.89
HSL	24°, 93%, 6%
HSV	24°, 96%, 11%
XYZ	0.6158, 0.5120, 0.0951
YIQ	15.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

Format	Color
RYB	28, 20, 1
Decimal	1838081
CIELab	4.62, 5.29, 6.61
CIELCh	5, 8.471, 51.336
Yxy	0.5120, 0.5036, 0.4187
Android (android.graphics.Color)	4280028161 (0xFF1C0C01)
YUV	15.5300, -7.1633, 10.9362
Hunter-Lab	7.1555, 2.8405, 4.2210

Details

The Hex color **1C0C01** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **01111C**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **463731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C0B00**, and if you desaturate by 10%, it is **1C0E04**.

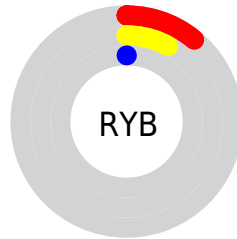
Distribution



Red (11%)

Green (5%)

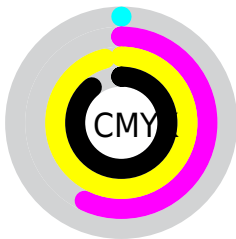
Blue (0%)



Red (11%)

Yellow (8%)

Blue (0%)

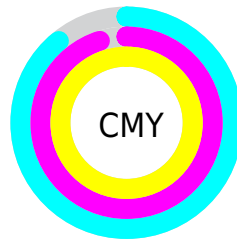


Cyan (0%)

Magenta (57%)

Yellow (96%)

Black (89%)



Cyan (89%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0C01 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 1C0C01 by changing the saturation by 10% instead.

■ 1C0C01

■ 1C0C01

■ FFECE3

■ 000000

■ 463731

■ 5E4E47

■ 77665F

■ 917F78

■ AB9991

■ C7B4AC

■ E3CFC7

■ 1C0C01

■ 1C0C01

■ 1C0B00

■ 1C0E04

■ 1C0F07

■ 1C1109

■ 1C130C

■ 1C140F

■ 1C1612

■ 1C1815

■ 1C1917

■ 1C1B1A

Harmonies

Analogous

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



1D0A0A



1C0C01



180F00

Triad

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



1C0C01



00140D



0F0F1B

Complementary

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



1C0C01



01111C

Split Complementary

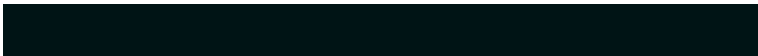
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



04111C



1C0C01



001415

Square

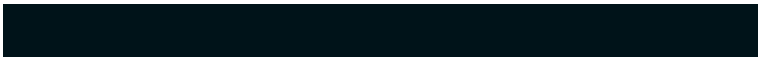
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1C0C01



061304



001319



170C18

Rectangle

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



1C0C01



131000



001319



0B0F1C

Sweetspot

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



1C0C01



241E19



1C0111



120E0C



919191



121212

Same Dimension

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



1C0C01



240F00



1C1901



0D0C0B



4D1F00



CC5300

Inverse Universe

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



01111C



001524



01041C



0B0C0D



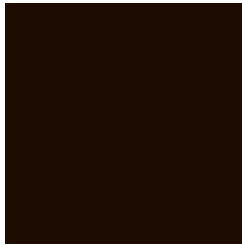
002D4D



0079CC

Previews

White Background



This preview shows how the Hex color 1C0C01 looks on a white background.

Color Contrast Check

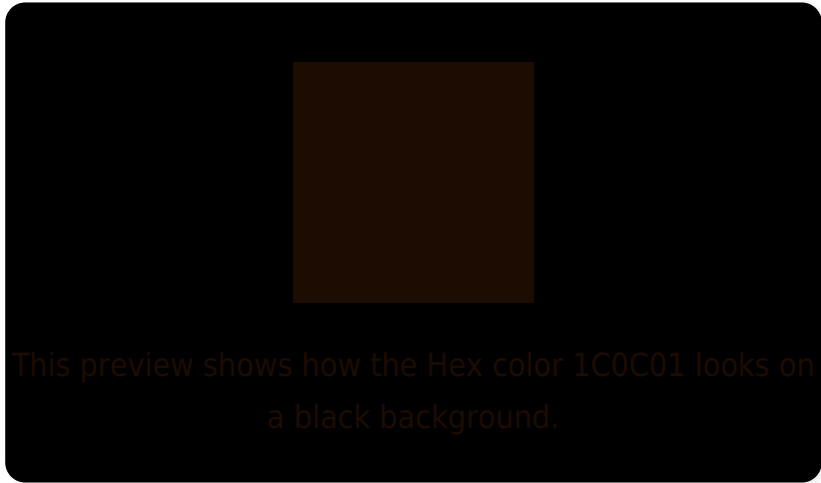
Large Text (above 18pt) WCAG AA ✓ Pass

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

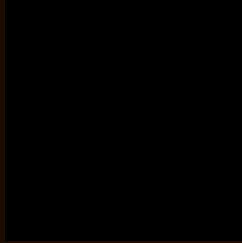
Any Text WCAG AA × Fail

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 1C0C01 Background



This preview shows how black text looks on a background with the Hex color 1C0C01.

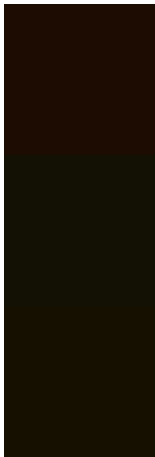


This preview shows how white text looks on a background with the Hex color 1C0C01.

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](#).

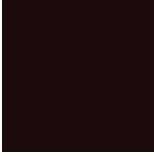
Dichromacy



Original Color
1C0C01

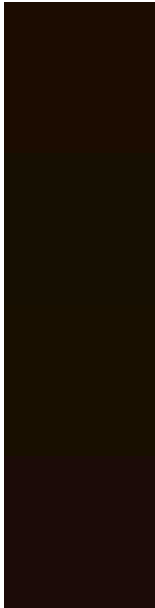
Protanopia
131103

Deuteranopia
151000



Tritanopia
1C0B0C

Trichromacy



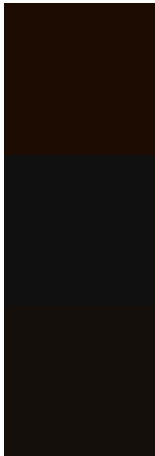
Original Color
1C0C01

Protanomaly
160F02

Deuteranomaly
180F00

Tritanomaly
1C0B08

Monochromacy



Original Color
1C0C01

Achromatopsia
101010

Achromatomaly
140F0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0C01 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 #1C0C01 looks like.

```
.text, #text, p{  
    color:#1C0C01  
}
```

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 #1C0C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0C01
}
```

Border

The CSS property to change the border of an element to Hex 1C0C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

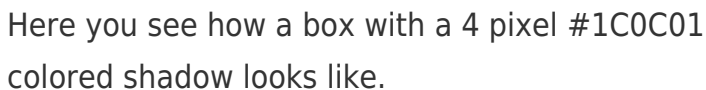
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0C01 }
```

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

```
.border{ border-color:#1C0C01 }
```

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



Here you see how a box with a 4 pixel #1C0C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0C01; -webkit-box-shadow:4px 4px  
4px 4px #1C0C01; box-shadow:4px 4px 4px  
4px #1C0C01 }
```

Background

The CSS property to change the background color of an element to Hex 1C0C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0C01 }
```

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

```
.background{ background-color:#1C0C01 }
```

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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