

# Converting Colors

Hex(1C0B13)

Have a look what the booklet for  
Hex(1C0B13) contains.

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# Color

**Hex(1C0B13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C0B13
RGB	28, 11, 19
RGB Percent	11%, 4%, 7%
CMY	0.8902, 0.9569, 0.9255
CMYK	0.00, 0.61, 0.32, 0.89
HSL	332°, 44%, 8%
HSV	332°, 61%, 11%
XYZ	0.7161, 0.5332, 0.6813
YIQ	16.9950, 7.5640, 6.0920

# Conversions

## Conversions Part 2

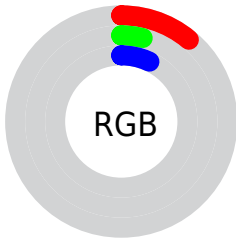
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 11, 19
Decimal	1837843
CIE Lab	4.82, 8.57, -1.44
CIE LCh	5, 8.693, 350.465
Yxy	0.5332, 0.3709, 0.2762
Android (android.graphics.Color)	4280027923 (0xFF1C0B13)
YUV	16.9950, 0.9885, 9.6514
Hunter-Lab	7.3023, 4.7256, -0.4199

# Details

The Hex color **1C0B13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B1C14**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **47363D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C0812**, and if you desaturate by 10%, it is **1C0E14**.

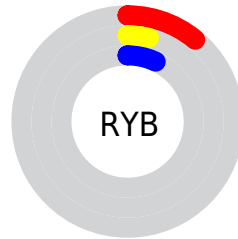
# Distribution



Red (11%)

Green (4%)

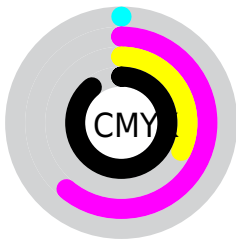
Blue (7%)



Red (11%)

Yellow (4%)

Blue (7%)

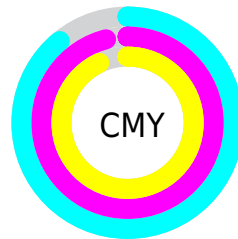


Cyan (0%)

Magenta (61%)

Yellow (32%)

Black (89%)



Cyan (89%)

Magenta (96%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C0B13 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 1C0B13 by changing the saturation by 10% instead.



■ 1C0B13

■ 1C0B13

■ FFEBF3

■ 000000

■ 47363D

■ 5F4D54

■ 77656D

■ 917E86

■ AC98A0

■ C7B3BB

■ E3CFD7

■ 1C0B13

■ 1C0B13

■ 1C0812

■ 1C0E14

■ 1C0510

■ 1C1116

■ 1C030F

■ 1C1317

■ 1C000D

■ 1C1619

■ 1C191A

■ 1C1C1C

■ 1C1F1D

■ 1C211F

■ 1C2420

# Harmonies

## Analogous

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



170D19



1C0B13



1E0B0B

# Triad

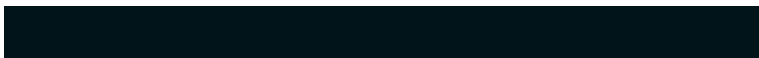
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C0B13



111100



00141A

# Complementary

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



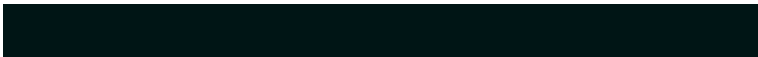
1C0B13



0B1C14

# 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.



001515



1C0B13



061404

# Square

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



1C0B13



180F00



00150D



04121C

# Rectangle

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



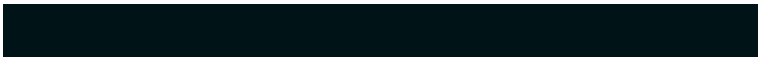
1C0B13



1D0C04



00150D



001418



# Sweetspot

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



1C0B13



241D20



140B1C



120E10



919191



121212



# Same Dimension

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



1C0B13



240A16



1C0B0B



0D0B0C



4D0024



CC0060



# Inverse Universe

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



1C0B13



240A16



0B1C1C



0D0B0C



4D0024

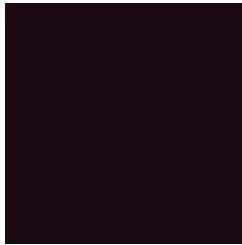


CC0060



# Previews

## White Background



This preview shows how the Hex color 1C0B13 looks on a white background.

## Color Contrast Check

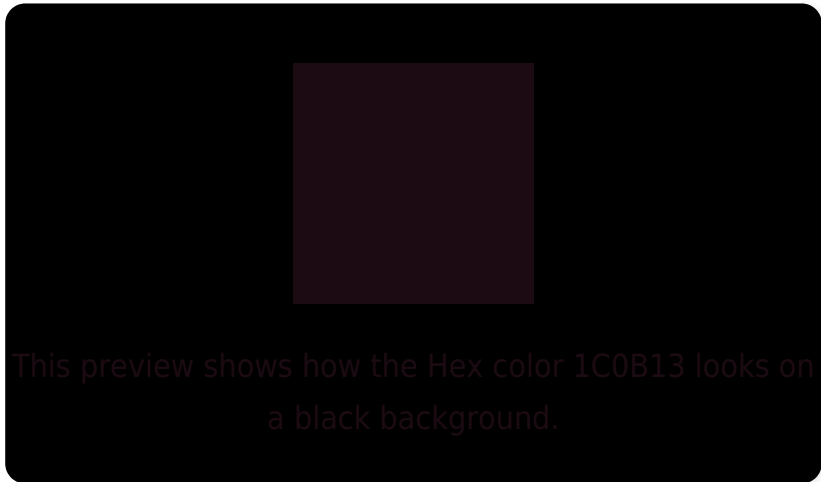
Large Text (above 18pt) WCAG AA ✓ Pass

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

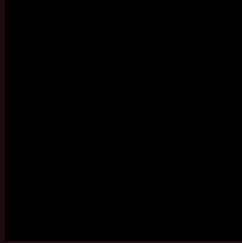
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C0B13 Background



This preview shows how black text looks on a background with the Hex color 1C0B13.



This preview shows how white text looks on a background with the Hex color 1C0B13.

# 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**  
1C0B13

**Protanopia**  
101117

**Deuteranopia**  
121112



# Trichromacy



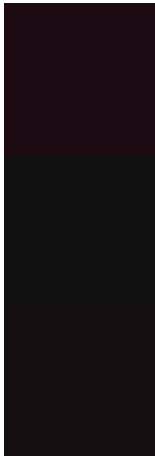
**Original Color**  
1C0B13

**Protanomaly**  
140F16

**Deuteranomaly**  
160F12

**Tritanomaly**  
1C0C0F

# Monochromacy



**Original Color**  
1C0B13

**Achromatopsia**  
111111

**Achromatomaly**  
150F12

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C0B13 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 #1C0B13 looks like.

```
.text, #text, p{  
    color:#1C0B13  
}
```

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 #1C0B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0B13
}
```

## Border

The CSS property to change the border of an element to Hex 1C0B13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

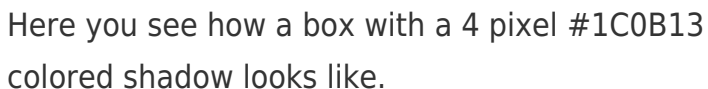
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0B13 }
```

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

```
.border{ border-color:#1C0B13 }
```

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



Here you see how a box with a 4 pixel #1C0B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0B13; -webkit-box-shadow:4px 4px  
4px 4px #1C0B13; box-shadow:4px 4px 4px  
4px #1C0B13 }
```

# Background

The CSS property to change the background color of an element to Hex 1C0B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0B13 }
```

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

```
.background{ background-color:#1C0B13 }
```

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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