

Converting Colors

Hex(1B1B0A)

Have a look what the booklet for
Hex(1B1B0A) contains.

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Color

Hex(1B1B0A)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B0A
RGB	27, 27, 10
RGB Percent	11%, 11%, 4%
CMY	0.8941, 0.8941, 0.9608
CMYK	0.00, 0.00, 0.63, 0.89
HSL	60°, 46%, 7%
HSV	60°, 63%, 11%
XYZ	0.8987, 1.0388, 0.4403
YIQ	25.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

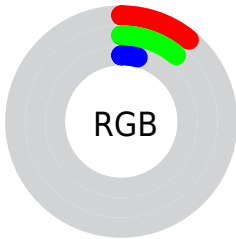
Format	Color
RYB	10, 27, 10
Decimal	1776394
CIELab	9.31, -3.37, 9.75
CIELCh	9, 10.320, 109.044
Yxy	1.0388, 0.3780, 0.4369
Android (android.graphics.Color)	4279966474 (0xFF1B1B0A)
YUV	25.0620, -7.4256, 1.6996
Hunter-Lab	10.1921, -2.0965, 4.5732

Details

The Hex color **1B1B0A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0A1B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **464636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B1B07**, and if you desaturate by 10%, it is **1B1B0D**.

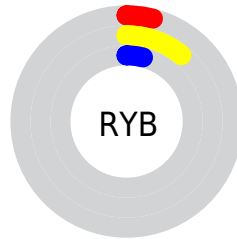
Distribution



Red (11%)

Green (11%)

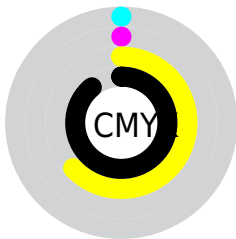
Blue (4%)



Red (4%)

Yellow (11%)

Blue (4%)

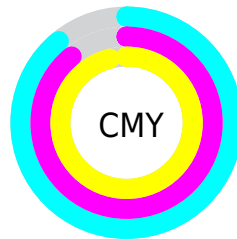


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1B1B0A 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 1B1B0A by changing the saturation by 10% instead.

 1B1B0A

 1B1B0A

 FFFEEA

 000000

 464636

 5E5E4D

 767665

 90907E

 AAAA98

 C6C6B2

 E2E2CE

 1B1B0A

 1B1B0A

■ 1B1B07

■ 1B1B0D

■ 1B1B05

■ 1B1B0F

■ 1B1B02

■ 1B1B12

■ 1B1B00

■ 1B1B15

■ 1B1B17

■ 1B1B1A

■ 1B1B1D

■ 1B1B20

■ 1B1B22

Harmonies

Analogous

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



221909



1B1B0A



131D10

Triad

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



1B1B0A



041D24



26151D

Complementary

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



1B1B0A



0A0A1B

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.



201723



1B1B0A



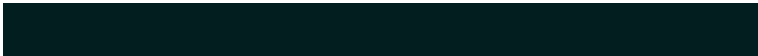
0C1C28

Square

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



1B1B0A



031E1E



171927



281516

Rectangle

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



1B1B0A



0C1D15



171927



25151F

Sweetspot

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



1B1B0A



24241D



1B0A0A



12120E



919191



121212

Same Dimension

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



1B1B0A



242409



121B0A



0D0D0B



4D4D00



CCCC00

Inverse Universe

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



0A0A1B



090924



120A1B



0B0B0D



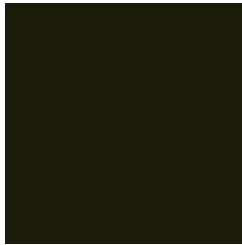
00004D



0000CC

Previews

White Background



This preview shows how the Hex color 1B1B0A looks on a white background.

Color Contrast Check

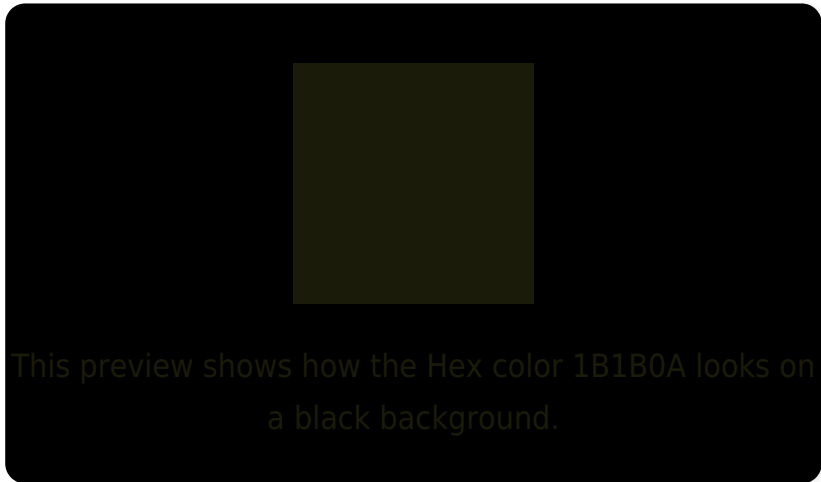
Large Text (above 18pt) WCAG AA ✓ Pass

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

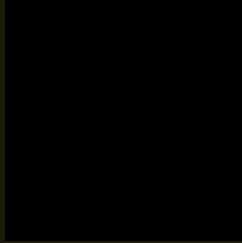
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

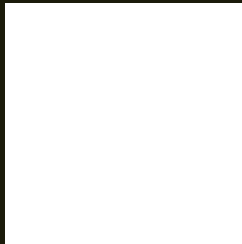
Any Text WCAG AAA × Fail

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

Hex 1B1B0A Background



This preview shows how black text looks on a background with the Hex color 1B1B0A.

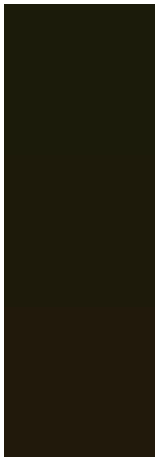


This preview shows how white text looks on a background with the Hex color 1B1B0A.

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
1B1B0A

Protanopia
1D1A0A

Deuteranopia
21190B



Tritanopia
1D191B

Trichromacy



Original Color

1B1B0A

Protanomaly

1C1A0A

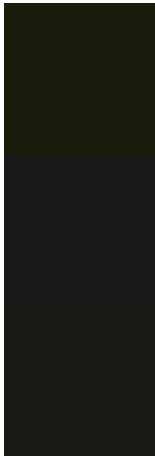
Deuteranomaly

1F1A0B

Tritanomaly

1C1A15

Monochromacy



Original Color

1B1B0A

Achromatopsia

191919

Achromatomaly

1A1A14

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B0A 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 #1B1B0A looks like.

```
.text, #text, p{  
    color:#1B1B0A  
}
```

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 #1B1B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B0A
}
```

Border

The CSS property to change the border of an element to Hex 1B1B0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

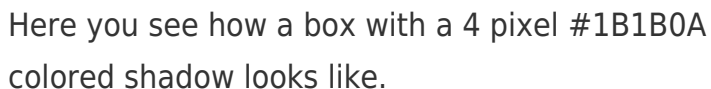
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1B0A }
```

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

```
.border{ border-color:#1B1B0A }
```

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



Here you see how a box with a 4 pixel #1B1B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B0A; -webkit-box-shadow:4px 4px  
4px 4px #1B1B0A; box-shadow:4px 4px 4px  
4px #1B1B0A }
```

Background

The CSS property to change the background color of an element to Hex 1B1B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B0A }
```

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

```
.background{ background-color:#1B1B0A }
```

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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