

Converting Colors

Hex(1B1312)

Have a look what the booklet for
Hex(1B1312) contains.

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Color

Hex(1B1312)

Conversions

Conversions Part 1

Format	Color
Hex	1B1312
RGB	27, 19, 18
RGB Percent	11%, 7%, 7%
CMY	0.8941, 0.9255, 0.9294
CMYK	0.00, 0.30, 0.33, 0.89
HSL	7°, 20%, 9%
HSV	7°, 33%, 11%
XYZ	0.7940, 0.7424, 0.6737
YIQ	21.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

Format	Color
RYB	27, 19, 18
Decimal	1774354
CIELab	6.71, 3.62, 1.93
CIElCh	7, 4.101, 28.010
Yxy	0.7424, 0.3593, 0.3359
Android (android.graphics.Color)	4279964434 (0xFF1B1312)
YUV	21.2780, -1.6161, 5.0182
Hunter-Lab	8.6164, 1.3709, 1.3956

Details

The Hex color **1B1312** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **121A1B**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **463D3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B110F**, and if you desaturate by 10%, it is **1B1515**.

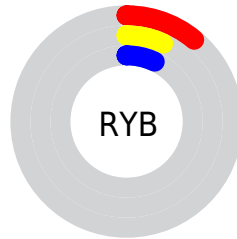
Distribution



Red (11%)

Green (7%)

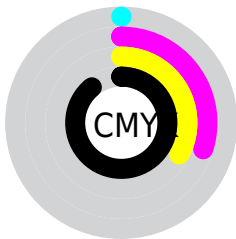
Blue (7%)



Red (11%)

Yellow (7%)

Blue (7%)

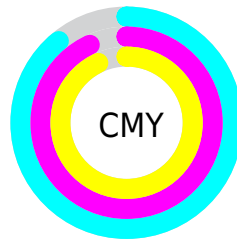


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (89%)



Cyan (89%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1312 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 1B1312 by changing the saturation by 10% instead.

■ 1B1312

■ 1B1312

■ FEF3F2

■ 000000

■ 463D3C

■ 5E5453

■ 766D6C

■ 908685

■ ABA09F

■ C6BBBA

■ E2D7D6

■ 1B1312

■ 1B1312

■ 1B110F

■ 1B1515

■ 1B0E0D

■ 1B1817

■ 1B0C0A

■ 1B1A1A

■ 1B0907

■ 1B1D1D

■ 1B0705

■ 1B1F20

■ 1B0502

■ 1B2122

■ 1B0300

■ 1B2425

■ 1B2628

■ 1B292A

Harmonies

Analogous

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



1A1315



1B1312



1A140F

Triad

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



1B1312



111611



12151A

Complementary

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



1B1312



121A1B

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.



0E1619



1B1312



0E1715

Square

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



1B1312



14160F



0D1717



15141A

Rectangle

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



1B1312



19140E



0D1717



10151A

Sweetspot

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



1B1312



242120



1B121A



121010



919191



121212

Same Dimension

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



1B1312



241715



1B1712



0D0C0B



4D0900



CC1700

Inverse Universe

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



121A1B



152224



12161B



0B0D0D



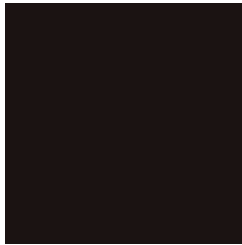
00444D



00B5CC

Previews

White Background



This preview shows how the Hex color 1B1312 looks on a white background.

Color Contrast Check

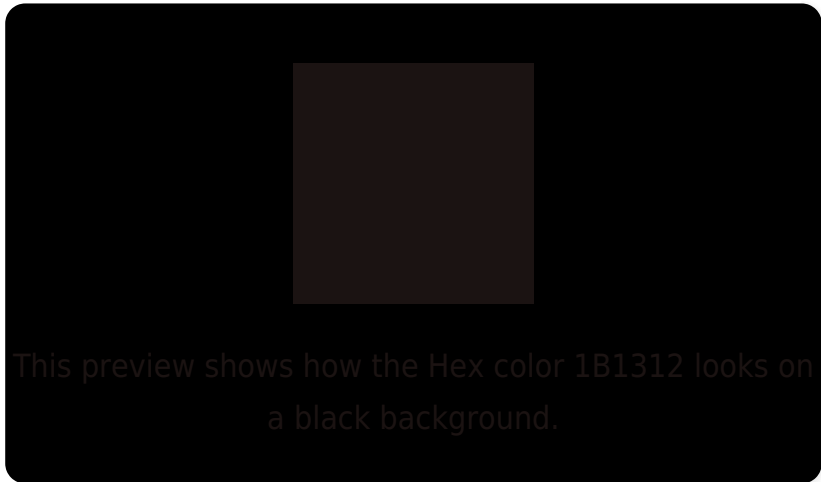
Large Text (above 18pt) WCAG AA ✓ Pass

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

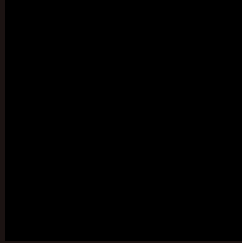
Any Text WCAG AA × Fail

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 1B1312 Background



This preview shows how black text looks on a background with the Hex color 1B1312.

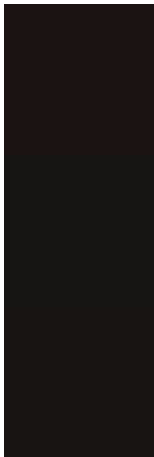


This preview shows how white text looks on a background with the Hex color 1B1312.

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
1B1312

Protanopia
161513

Deuteranopia
181412



Tritanopia
1B1314

Trichromacy



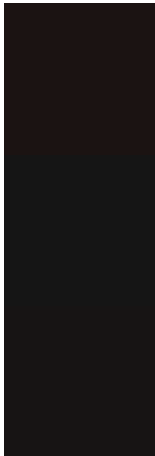
Original Color
1B1312

Protanomaly
181413

Deuteranomaly
191412

Tritanomaly
1B1313

Monochromacy



Original Color
1B1312

Achromatopsia
151515

Achromatomaly
171414

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1312 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 #1B1312 looks like.

```
.text, #text, p{  
    color:#1B1312  
}
```

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 #1B1312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1312
}
```

Border

The CSS property to change the border of an element to Hex 1B1312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

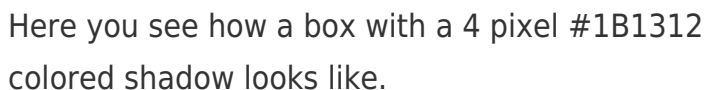
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1312 }
```

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

```
.border{ border-color:#1B1312 }
```

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



Here you see how a box with a 4 pixel #1B1312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1312; -webkit-box-shadow:4px 4px  
4px 4px #1B1312; box-shadow:4px 4px 4px  
4px #1B1312 }
```

Background

The CSS property to change the background color of an element to Hex 1B1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1312 }
```

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

```
.background{ background-color:#1B1312 }
```

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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