

Converting Colors

Hex(1B180D)

Have a look what the booklet for
Hex(1B180D) contains.

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Color

Hex(1B180D)

Conversions

Conversions Part 1

Format	Color
Hex	1B180D
RGB	27, 24, 13
RGB Percent	11%, 9%, 5%
CMY	0.8941, 0.9059, 0.9490
CMYK	0.00, 0.11, 0.52, 0.89
HSL	47°, 35%, 8%
HSV	47°, 52%, 11%
XYZ	0.8513, 0.9153, 0.5126
YIQ	23.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

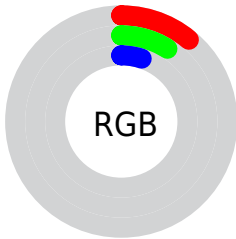
Format	Color
R_{YB}	17, 27, 13
Decimal	1775629
CIE Lab	8.27, -0.76, 6.92
CIE LCh	8, 6.960, 96.235
Yxy	0.9153, 0.3735, 0.4016
Android (android.graphics.Color)	4279965709 (0xFF1B180D)
YUV	23.6430, -5.2470, 2.9441
Hunter-Lab	9.5673, -0.8604, 3.5206

Details

The Hex color **1B180D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D101B**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **464338**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B170A**, and if you desaturate by 10%, it is **1B1910**.

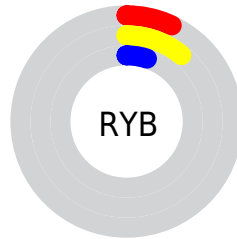
Distribution



Red (11%)

Green (9%)

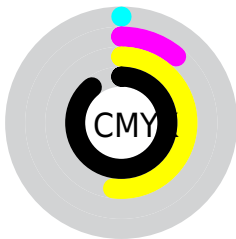
Blue (5%)



Red (7%)

Yellow (11%)

Blue (5%)

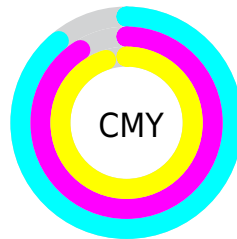


Cyan (0%)

Magenta (11%)

Yellow (52%)

Black (89%)



Cyan (89%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B180D 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 1B180D by changing the saturation by 10% instead.

■ 1B180D

■ 1B180D

■ FEFAED

■ 000000

■ 464338

■ 5E5A4F

■ 767367

■ 908C80

■ AAA69A

■ C6C2B5

■ E2DDD0

■ 1B180D

■ 1B180D

■ 1B170A

■ 1B1910

■ 1B1708

■ 1B1912

■ 1B1605

■ 1B1A15

■ 1B1602

■ 1B1A18

■ 1B1500

■ 1B1B1B

■ 1B1B1D

■ 1B1C20

■ 1B1D23

■ 1B1D25

Harmonies

Analogous

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



1F160E



1B180D



16190F

Triad

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



1B180D



0A1A1D



1F151C

Complementary

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



1B180D



0D101B

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.



1A171F



1B180D



0E1A20

Square

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



1B180D



0B1B19



141821



211517

Rectangle

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



1B180D



121A12



141821



1D161D

Sweetspot

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



1B180D



24221E



1B0D10



12110E



919191



121212

Same Dimension

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



1B180D



241F0E



171B0D



0D0C0B



4D3C00



CCA000

Inverse Universe

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



0D101B



0E1224



110D1B



0B0C0D



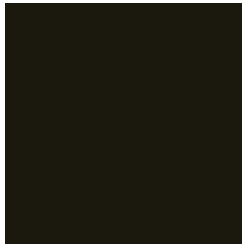
00104D



002CCC

Previews

White Background



This preview shows how the Hex color 1B180D looks on a white background.

Color Contrast Check

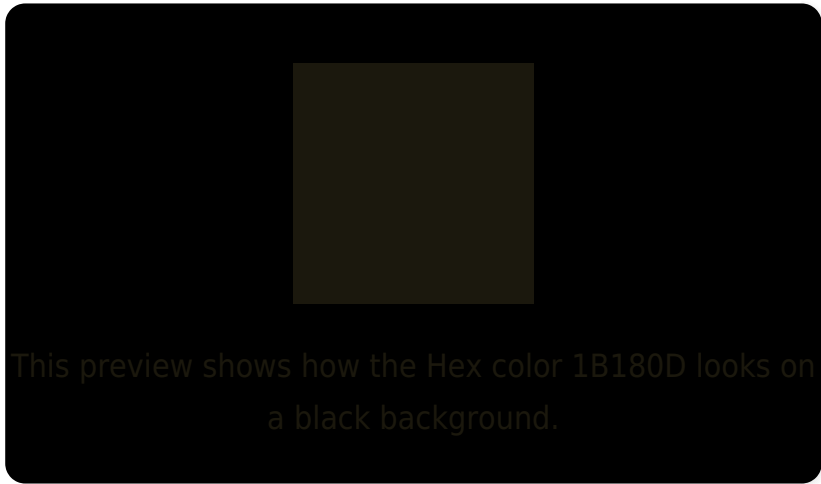
Large Text (above 18pt) WCAG AA ✓ Pass

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

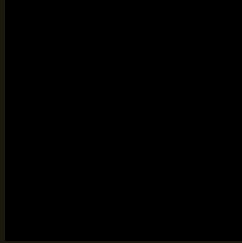
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

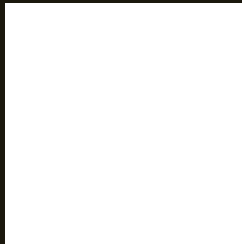
Any Text WCAG AAA × Fail

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

Hex 1B180D Background



This preview shows how black text looks on a background with the Hex color 1B180D.

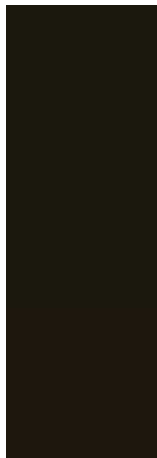


This preview shows how white text looks on a background with the Hex color 1B180D.

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
1B180D

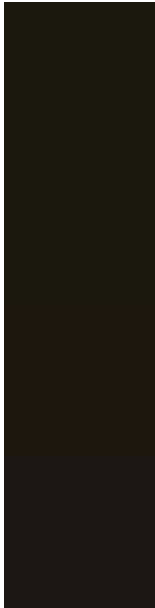
Protanopia
1B180D

Deuteranopia
1E170D



Tritanopia
1C1718

Trichromacy



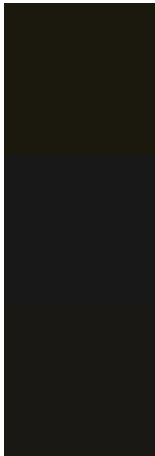
Original Color
1B180D

Protanomaly
1B180D

Deuteranomaly
1D170D

Tritanomaly
1C1714

Monochromacy



Original Color
1B180D

Achromatopsia
181818

Achromatomaly
191814

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B180D 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 #1B180D looks like.

```
.text, #text, p{  
    color:#1B180D  
}
```

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 #1B180D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B180D
}
```

Border

The CSS property to change the border of an element to Hex 1B180D is called "border". The border property can be set on classes, ids or directly on the HTML element.

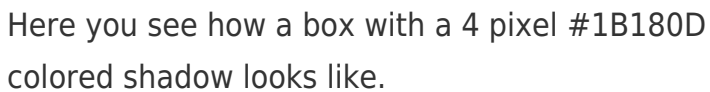
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B180D }
```

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

```
.border{ border-color:#1B180D }
```

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



Here you see how a box with a 4 pixel #1B180D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B180D; -webkit-box-shadow:4px 4px  
4px 4px #1B180D; box-shadow:4px 4px 4px  
4px #1B180D }
```

Background

The CSS property to change the background color of an element to Hex 1B180D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B180D }
```

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

```
.background{ background-color:#1B180D }
```

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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