

Converting Colors

Hex(1B100F)

Have a look what the booklet for
Hex(1B100F) contains.

Hex(1B100F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B100F)

Conversions

Conversions Part 1

Format	Color
Hex	1B100F
RGB	27, 16, 15
RGB Percent	11%, 6%, 6%
CMY	0.8941, 0.9373, 0.9412
CMYK	0.00, 0.41, 0.44, 0.89
HSL	5°, 29%, 8%
HSV	5°, 44%, 11%
XYZ	0.7235, 0.6381, 0.5370
YIQ	19.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

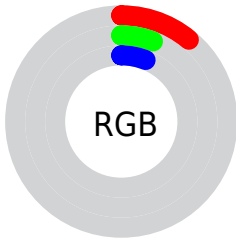
Format	Color
RYB	27, 16, 15
Decimal	1773583
CIELab	5.76, 4.79, 2.26
CIELCh	6, 5.299, 25.211
Yxy	0.6381, 0.3811, 0.3361
Android (android.graphics.Color)	4279963663 (0xFF1B100F)
YUV	19.1750, -2.0583, 6.8625
Hunter-Lab	7.9880, 2.1885, 1.6060

Details

The Hex color **1B100F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F1A1B**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **463A3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0E0C**, and if you desaturate by 10%, it is **1B1212**.

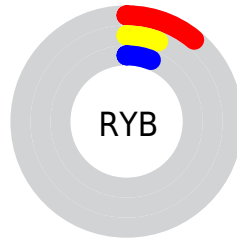
Distribution



Red (11%)

Green (6%)

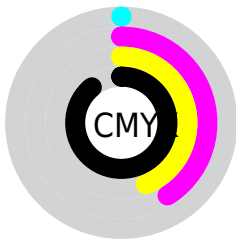
Blue (6%)



Red (11%)

Yellow (6%)

Blue (6%)

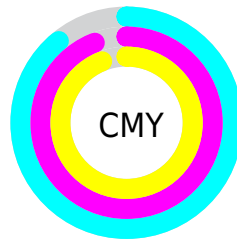


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (89%)



Cyan (89%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B100F 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 1B100F by changing the saturation by 10% instead.

■ 1B100F

■ 1B100F

■ FEFOEF

■ 000000

■ 463A3A

■ 5D5151

■ 766A69

■ 908382

■ AA9D9C

■ C6B8B7

■ E2D3D2

■ 1B100F

■ 1B100F

■ 1B0E0C

■ 1B1212

■ 1B0B0A

■ 1B1514

■ 1B0907

■ 1B1717

■ 1B0604

■ 1B1A1A

■ 1B0402

■ 1B1C1D

■ 1B0200

■ 1B1F1F

■ 1B2122

■ 1B2425

■ 1B2627

Harmonies

Analogous

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



1A1014



1B100F



1A110B

Triad

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



1B100F



0D150D



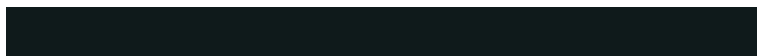
0D131A

Complementary

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



1B100F



0F1A1B

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.



081419



1B100F



081512

Square

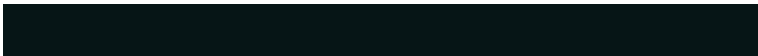
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1B100F



121409



061516



131219

Rectangle

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



1B100F



181209



061516



0C141A

Sweetspot

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



1B100F



241F1F



1B0F1A



120F0F



919191



121212

Same Dimension

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



1B100F



241211



1B160F



0D0C0B



4D0600



CC1100

Inverse Universe

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



0F1A1B



112224



0F141B



0B0D0D



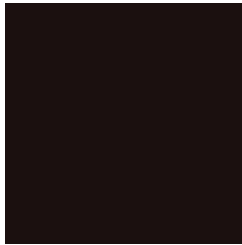
00464D



00BBCC

Previews

White Background



This preview shows how the Hex color 1B100F looks on a white background.

Color Contrast Check

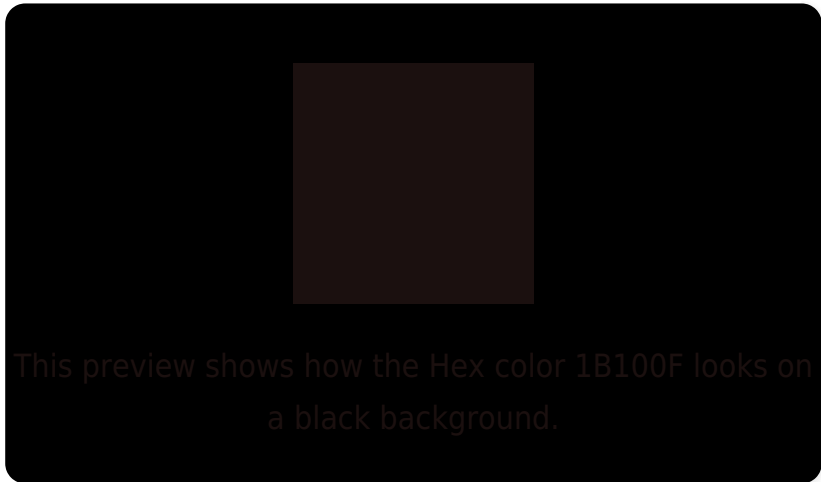
Large Text (above 18pt) WCAG AA ✓ Pass

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

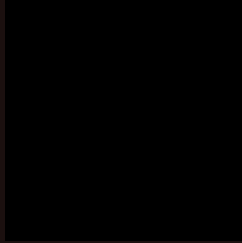
Any Text WCAG AA × Fail

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 1B100F Background



This preview shows how black text looks on a background with the Hex color 1B100F.

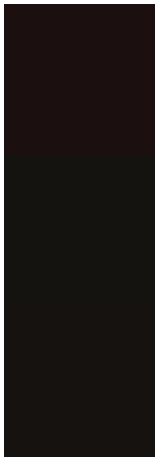


This preview shows how white text looks on a background with the Hex color 1B100F.

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
1B100F

Protanopia
141310

Deuteranopia
16120F



Tritanopia
1B1011

Trichromacy



Original Color

1B100F

Protanomaly

171210

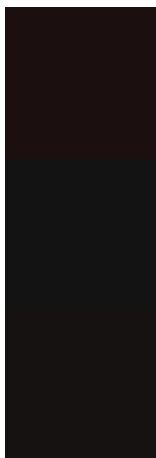
Deuteranomaly

18110F

Tritanomaly

1B1010

Monochromacy



Original Color

1B100F

Achromatopsia

131313

Achromatomaly

161212

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B100F 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 #1B100F looks like.

```
.text, #text, p{  
    color:#1B100F  
}
```

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 #1B100F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B100F
}
```

Border

The CSS property to change the border of an element to Hex 1B100F is called "border". The border property can be set on classes, ids or directly on the HTML element.

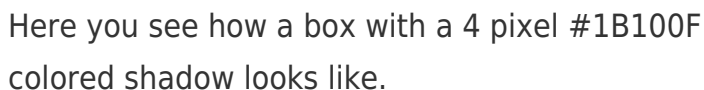
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B100F }
```

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

```
.border{ border-color:#1B100F }
```

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



Here you see how a box with a 4 pixel #1B100F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B100F; -webkit-box-shadow:4px 4px  
4px 4px #1B100F; box-shadow:4px 4px 4px  
4px #1B100F }
```

Background

The CSS property to change the background color of an element to Hex 1B100F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B100F }
```

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

```
.background{ background-color:#1B100F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor