

Converting Colors

Hex(170B1D)

Have a look what the booklet for
Hex(170B1D) contains.

| | |
|--|----|
| Hex(170B1D) | 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(170B1D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 170B1D |
| RGB | 23, 11, 29 |
| RGB Percent | 9%, 4%, 11% |
| CMY | 0.9098, 0.9569, 0.8863 |
| CMYK | 0.21, 0.62, 0.00, 0.89 |
| HSL | 280°, 45%, 8% |
| HSV | 280°, 62%, 11% |
| XYZ | 0.6948, 0.5102, 1.2243 |
| YIQ | 16.6400, 1.3740, 8.1420 |

Conversions

Conversions Part 2

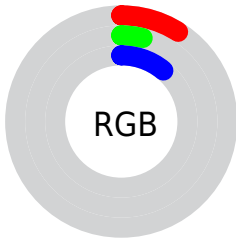
| Format | Color |
|-------------------------------------|----------------------------|
| RYB | 23, 11, 29 |
| Decimal | 1510173 |
| CIELab | 4.61, 8.60, -9.27 |
| CIELCh | 5, 12.645, 312.830 |
| Yxy | 0.5102, 0.2860, 0.2100 |
| Android (android.graphics.Color) | 4279700253 (0xFF170B1D) |
| YUV | 16.6400, 6.0935, 5.5777 |
| Hunter-Lab | 7.1429, 4.8627, -5.1620 |

Details

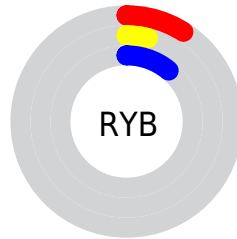
The Hex color **170B1D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **111D0B**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **413748**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **16081D**, and if you desaturate by 10%, it is **180E1D**.

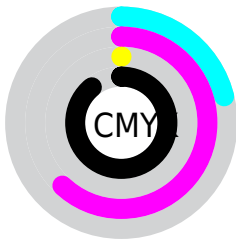
Distribution



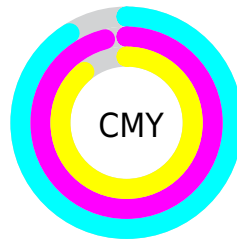
- Red (9%)
- Green (4%)
- Blue (11%)



- Red (9%)
- Yellow (4%)
- Blue (11%)



- Cyan (21%)
- Magenta (62%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170B1D 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 170B1D by changing the saturation by 10% instead.

■ 170B1D

■ 170B1D

■ F8EBFF

■ 000000

■ 413748

■ 584D60

■ 716579

■ 8A7E93

■ A598AD

■ C0B3C9

■ DCCFE5

■ 170B1D

■ 170B1D

■ 16081D

■ 180E1D

■ 15051D

■ 19111D

■ 14021D

■ 1A141D

■ 13001D

■ 1B171D

■ 1C191D

■ 1D1C1D

■ 1E1F1D

■ 1F221D

■ 20251D

Harmonies

Analogous

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



090F21



170B1D



1F0816

Triad

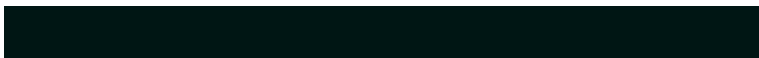
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170B1D



1B0D00



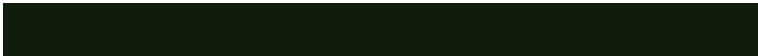
001614

Complementary

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



170B1D



111D0B

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.



001607



170B1D



111100

Square

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



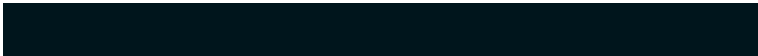
170B1D



210900



041400



00151C

Rectangle

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



170B1D



21070F



041400



001610

Sweetspot

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



170B1D



241F26



0B111D



131014



949494



141414

Same Dimension

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



170B1D



1D0A26



1D0B1A



0F0E0F



35004F



8A00CF

Inverse Universe

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



1D0B11



260A13



0B1D0E



0F0E0E



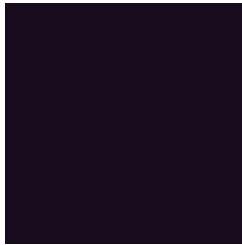
4F001A



CF0045

Previews

White Background



This preview shows how the Hex color 170B1D looks on a white background.

Color Contrast Check

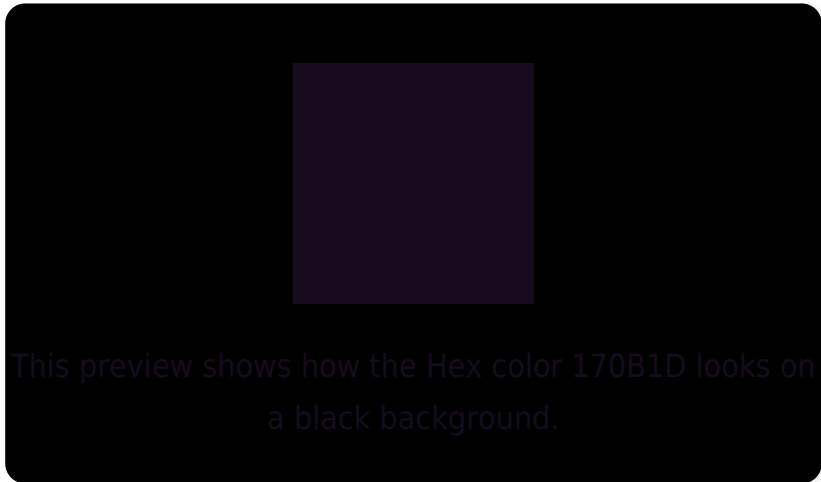
Large Text (above 18pt) WCAG AA ✓ Pass

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

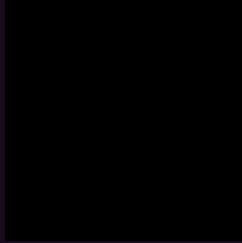
Any Text WCAG AA × Fail

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 170B1D Background



This preview shows how black text looks on a background with the Hex color 170B1D.



This preview shows how white text looks on a background with the Hex color 170B1D.

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
170B1D

Protanopia
001022

Deuteranopia
08111C



Tritanopia
150F10

Trichromacy



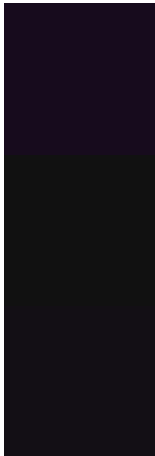
Original Color
170B1D

Protanomaly
080E20

Deuteranomaly
0D0F1C

Tritanomaly
160E15

Monochromacy



Original Color
170B1D

Achromatopsia
111111

Achromatomaly
130F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 170B1D 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 #170B1D looks like.

```
.text, #text, p{  
    color:#170B1D  
}
```

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 #170B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170B1D
}
```

Border

The CSS property to change the border of an element to Hex 170B1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

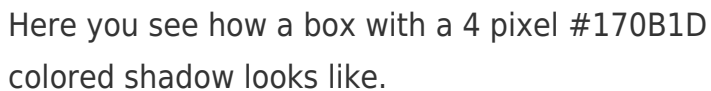
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170B1D }
```

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

```
.border{ border-color:#170B1D }
```

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



Here you see how a box with a 4 pixel #170B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170B1D; -webkit-box-shadow:4px 4px  
4px 4px #170B1D; box-shadow:4px 4px 4px  
4px #170B1D }
```

Background

The CSS property to change the background color of an element to Hex 170B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170B1D }
```

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

```
.background{ background-color:#170B1D }
```

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