

Converting Colors

Hex(170B00)

Have a look what the booklet for
Hex(170B00) contains.

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Color

Hex(170B00)

Conversions

Conversions Part 1

Format	Color
Hex	170B00
RGB	23, 11, 0
RGB Percent	9%, 4%, 0%
CMY	0.9098, 0.9569, 1.0000
CMYK	0.00, 0.52, 1.00, 0.91
HSL	29°, 100%, 5%
HSV	29°, 100%, 9%
XYZ	0.4730, 0.4215, 0.0564
YIQ	13.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

Format	Color
R_YB	23, 21, 0
Decimal	1510144
CIE Lab	3.81, 2.97, 5.76
CIE LCh	4, 6.476, 62.747
Yxy	0.4215, 0.4974, 0.4432
Android (android.graphics.Color)	4279700224 (0xFF170B00)
YUV	13.3340, -6.5737, 8.4771
Hunter-Lab	6.4923, 1.6437, 4.0293

Details

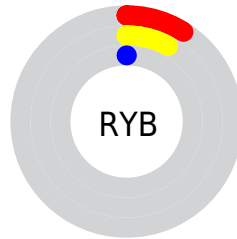
The Hex color **170B00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000C17**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **403730**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170B00**, and if you desaturate by 10%, it is **170C02**.

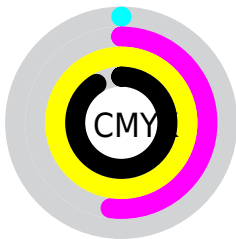
Distribution



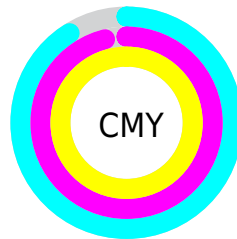
- Red (9%)
- Green (4%)
- Blue (0%)



- Red (9%)
- Yellow (8%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (91%)



- Cyan (91%)
- Magenta (96%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170B00 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 170B00 by changing the saturation by 10% instead.

 170B00

 170B00

 F8EBE2

 000000

 403730

 584E47

 70665E

 8A7F77

 A49890

 C0B3AB

 DBCFC6

 170B00

■ 170C02

■ 170D05

■ 170F07

■ 171009

■ 17110C

■ 17120E

■ 171310

■ 171512

■ 171615

Harmonies

Analogous

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



190906



170B00



120D00

Triad

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



170B00



00110E



100C16

Complementary

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



170B00



000C17

Split Complementary

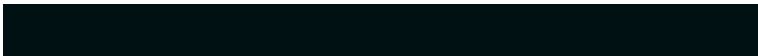
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



070E18



170B00



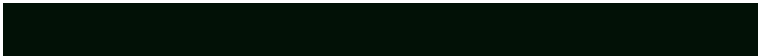
001113

Square

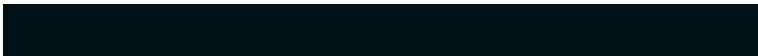
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170B00



021106



001017



150A13

Rectangle

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



170B00



0E0F00



001017



0D0C17

Sweetspot

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



170B00



1F1A15



17000C



0F0C0A



8F8F8F



0F0F0F

Same Dimension

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



170B00



1F0F00



171600



0D0C0B



4D2500



CC6200

Inverse Universe

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



000C17



00101F



000117



0B0C0D



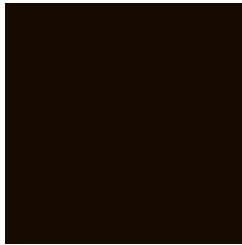
00284D



006ACC

Previews

White Background



This preview shows how the Hex color 170B00 looks on a white background.

Color Contrast Check

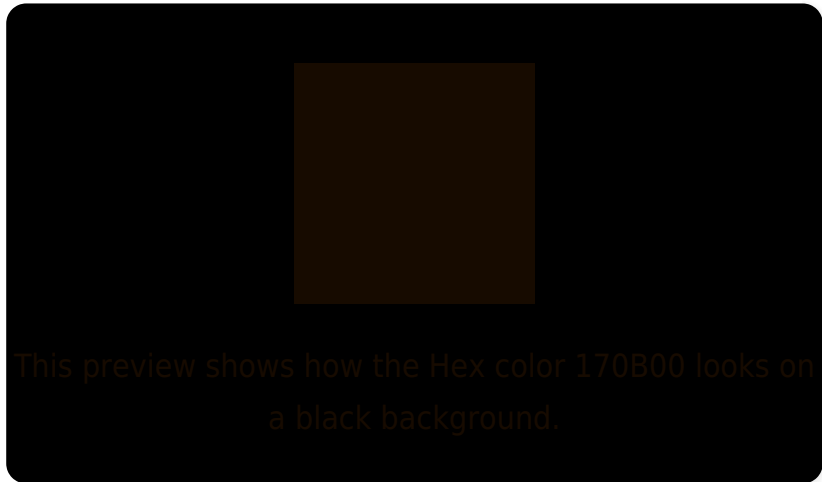
Large Text (above 18pt) WCAG AA ✓ Pass

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

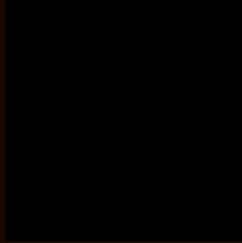
Any Text WCAG AA × Fail

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 170B00 Background



This preview shows how black text looks on a background with the Hex color 170B00.



This preview shows how white text looks on a background with the Hex color 170B00.

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
170B00

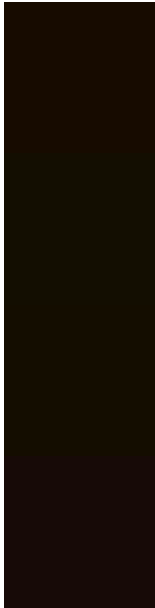
Protanopia
100F02

Deuteranopia
120E00



Tritanopia
170A0B

Trichromacy



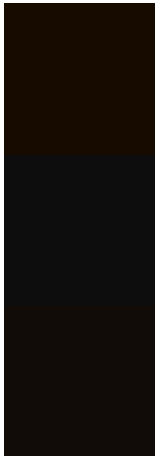
Original Color
170B00

Protanomaly
130E01

Deuteranomaly
140D00

Tritanomaly
170A07

Monochromacy



Original Color
170B00

Achromatopsia
0D0D0D

Achromatomaly
110C08

CSS Examples

Text

The CSS property to change the color of the text to Hex 170B00 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 #170B00 looks like.

```
.text, #text, p{  
    color:#170B00  
}
```

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 #170B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170B00
}
```

Border

The CSS property to change the border of an element to Hex 170B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

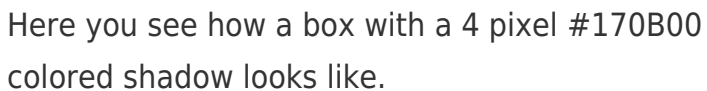
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170B00 }
```

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

```
.border{ border-color:#170B00 }
```

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



Here you see how a box with a 4 pixel #170B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170B00; -webkit-box-shadow:4px 4px  
4px 4px #170B00; box-shadow:4px 4px 4px  
4px #170B00 }
```

Background

The CSS property to change the background color of an element to Hex 170B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170B00 }
```

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

```
.background{ background-color:#170B00 }
```

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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