

Converting Colors

Hex(170700)

Have a look what the booklet for
Hex(170700) contains.

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Color

Hex(170700)

Conversions

Conversions Part 1

Format	Color
Hex	170700
RGB	23, 7, 0
RGB Percent	9%, 3%, 0%
CMY	0.9098, 0.9725, 1.0000
CMYK	0.00, 0.70, 1.00, 0.91
HSL	18°, 100%, 5%
HSV	18°, 100%, 9%
XYZ	0.4293, 0.3341, 0.0419
YIQ	10.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

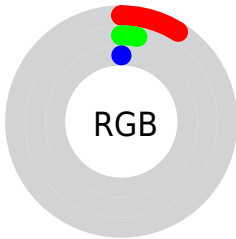
Format	Color
R_{YB}	23, 10, 0
Decimal	1509120
CIE Lab	3.02, 4.58, 4.60
CIE LCh	3, 6.493, 45.166
Yxy	0.3341, 0.5331, 0.4149
Android (android.graphics.Color)	4279699200 (0xFF170700)
YUV	10.9860, -5.4161, 10.5363
Hunter-Lab	5.7803, 3.1425, 3.6168

Details

The Hex color **170700** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001017**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **403430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170700**, and if you desaturate by 10%, it is **170902**.

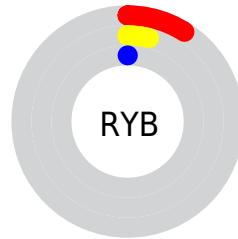
Distribution



Red (9%)

Green (3%)

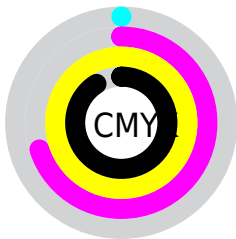
Blue (0%)



Red (9%)

Yellow (4%)

Blue (0%)

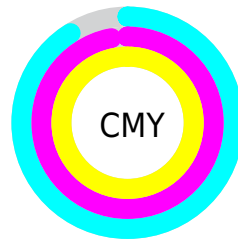


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170700 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 170700 by changing the saturation by 10% instead.

 170700

 170700

 F8E8E2

 000000

 403430

 584B47

 70635E

 8A7C77

 A49691

 BFB0AB

 DBCCC6

 170700

■ 170902

■ 170A05

■ 170C07

■ 170D09

■ 170F0C

■ 17110E

■ 171210

■ 171412

■ 171515

Harmonies

Analogous

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



180607



170700



130900

Triad

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



170700



000F07



080A16

Complementary

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



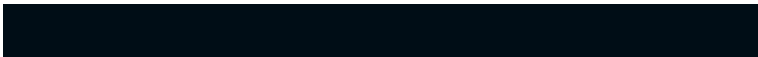
170700



001017

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.



000D16



170700



000F0E

Square

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



170700



040E00



000E13



100814

Rectangle

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



170700



0F0B00



000E13



050B16

Sweetspot

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



170700



1F1815



170010



0F0B0A



8F8F8F



0F0F0F

Same Dimension

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



170700



1F0900



171200



0D0C0B



4D1700



CC3E00

Inverse Universe

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



001017



00151F



000517



0B0C0D



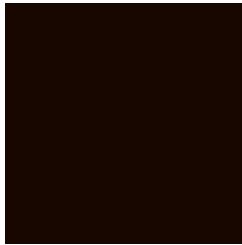
00354D



008ECC

Previews

White Background



This preview shows how the Hex color 170700 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

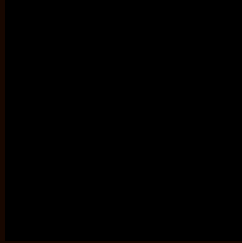
Any Text WCAG AA × Fail

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 170700 Background



This preview shows how black text looks on a background with the Hex color 170700.

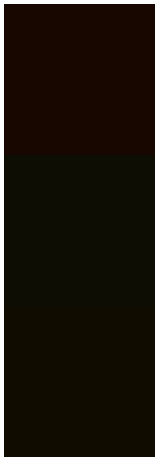


This preview shows how white text looks on a background with the Hex color 170700.

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
170700

Protanopia
0E0D03

Deuteranopia
100C00



Tritanopia
170707

Trichromacy



Original Color
170700

Protanomaly
110B02

Deuteranomaly
130A00

Tritanomaly
170704

Monochromacy



Original Color
170700

Achromatopsia
0B0B0B

Achromatomaly
0F0A07

CSS Examples

Text

The CSS property to change the color of the text to Hex 170700 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 #170700 looks like.

```
.text, #text, p{  
    color:#170700  
}
```

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 #170700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170700
}
```

Border

The CSS property to change the border of an element to Hex 170700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

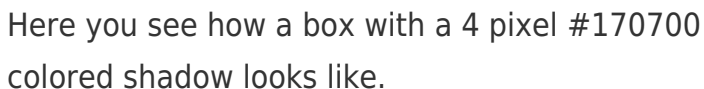
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170700 }
```

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

```
.border{ border-color:#170700 }
```

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



Here you see how a box with a 4 pixel #170700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170700; -webkit-box-shadow:4px 4px  
4px 4px #170700; box-shadow:4px 4px 4px  
4px #170700 }
```

Background

The CSS property to change the background color of an element to Hex 170700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170700 }
```

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

```
.background{ background-color:#170700 }
```

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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