

Converting Colors

Hex(170E00)

Have a look what the booklet for
Hex(170E00) contains.

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Color

Hex(170E00)

Conversions

Conversions Part 1

Format	Color
Hex	170E00
RGB	23, 14, 0
RGB Percent	9%, 5%, 0%
CMY	0.9098, 0.9451, 1.0000
CMYK	0.00, 0.39, 1.00, 0.91
HSL	37°, 100%, 5%
HSV	37°, 100%, 9%
XYZ	0.5104, 0.4962, 0.0689
YIQ	15.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

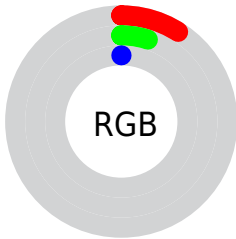
Format	Color
RYB	15, 23, 0
Decimal	1510912
CIELab	4.48, 1.59, 6.74
CIELCh	4, 6.927, 76.760
Yxy	0.4962, 0.4746, 0.4614
Android (android.graphics.Color)	4279700992 (0xFF170E00)
YUV	15.0950, -7.4418, 6.9327
Hunter-Lab	7.0444, 0.6052, 4.3513

Details

The Hex color **170E00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000917**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **413930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170E00**, and if you desaturate by 10%, it is **170F02**.

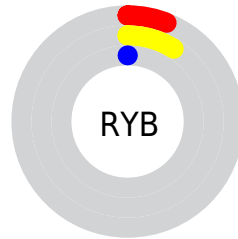
Distribution



Red (9%)

Green (5%)

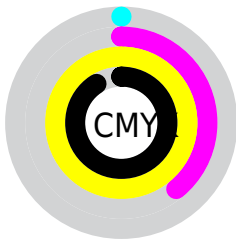
Blue (0%)



Red (6%)

Yellow (9%)

Blue (0%)

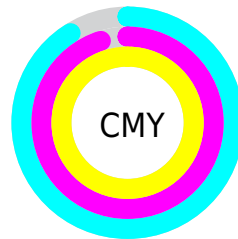


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (91%)



Cyan (91%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170E00 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 170E00 by changing the saturation by 10% instead.

 170E00


 170E00

 F8EEE2

 000000

 413930

 585046

 71685E

 8A8177

 A49B90

 C0B6AB

 DBD1C6

 170E00

■ 170F02

■ 171005

■ 171107

■ 171209

■ 17130C

■ 17130E

■ 171410

■ 171512

■ 171615

Harmonies

Analogous

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



1A0C04



170E00



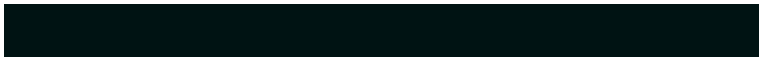
111000

Triad

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



170E00



001313



150D17

Complementary

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



170E00



000917

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.



0E0F19



170E00



001217

Square

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



170E00



01130C



041119



190B12

Rectangle

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



170E00



0C1103



041119



130D18

Sweetspot

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



170E00



1F1B15



170009



0F0D0A



8F8F8F



0F0F0F

Same Dimension

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



170E00



1F1300



151700



0D0C0B



4D2F00



CC7C00

Inverse Universe

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



000917



000C1F



020017



0B0C0D



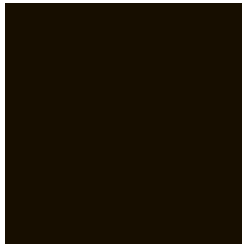
001E4D



0050CC

Previews

White Background



This preview shows how the Hex color 170E00 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

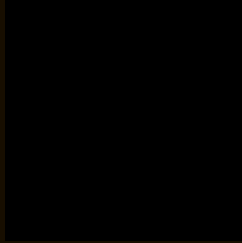
Any Text WCAG AA × Fail

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 170E00 Background



This preview shows how black text looks on a background with the Hex color 170E00.



This preview shows how white text looks on a background with the Hex color 170E00.

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
170E00

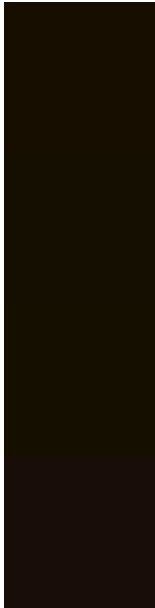
Protanopia
121002

Deuteranopia
140F00



Tritanopia
180D0E

Trichromacy



Original Color

170E00

Protanomaly

140F01

Deuteranomaly

150F00

Tritanomaly

180D09

Monochromacy



Original Color

170E00

Achromatopsia

0F0F0F

Achromatomaly

120F0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 170E00 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 #170E00 looks like.

```
.text, #text, p{  
    color:#170E00  
}
```

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 #170E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170E00  
}
```

Border

The CSS property to change the border of an element to Hex 170E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

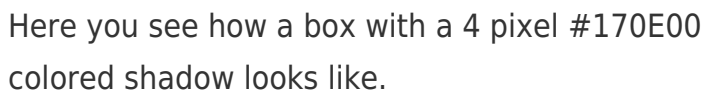
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#170E00 }
```

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

```
.border{ border-color:#170E00 }
```

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



Here you see how a box with a 4 pixel #170E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170E00; -webkit-box-shadow:4px 4px  
4px 4px #170E00; box-shadow:4px 4px 4px  
4px #170E00 }
```

Background

The CSS property to change the background color of an element to Hex 170E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170E00 }
```

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

```
.background{ background-color:#170E00 }
```

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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