

Converting Colors

Hex(172E05)

Have a look what the booklet for
Hex(172E05) contains.

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Color

Hex(172E05)

Conversions

Conversions Part 1

Format	Color
Hex	172E05
RGB	23, 46, 5
RGB Percent	9%, 18%, 2%
CMY	0.9098, 0.8196, 0.9804
CMYK	0.50, 0.00, 0.89, 0.82
HSL	94°, 80%, 10%
HSV	94°, 89%, 18%
XYZ	1.3577, 2.1471, 0.4865
YIQ	34.4490, -0.5470, -17.6270

Conversions

Conversions Part 2

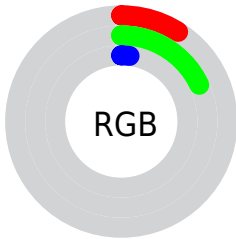
Format	Color
RYB	5, 46, 28
Decimal	1519109
CIELab	16.24, -17.65, 21.04
CIElCh	16, 27.466, 129.989
Yxy	2.1471, 0.3402, 0.5379
Android (android.graphics.Color)	4279709189 (0xFF172E05)
YUV	34.4490, -14.5184, -10.0408
Hunter-Lab	14.6530, -9.1031, 8.2888

Details

The Hex color **172E05** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1C052E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **445C32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142E00**, and if you desaturate by 10%, it is **1A2E0A**.

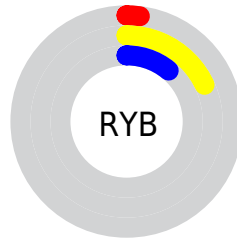
Distribution



Red (9%)

Green (18%)

Blue (2%)



Red (2%)

Yellow (18%)

Blue (11%)

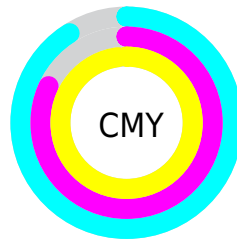


Cyan (50%)

Magenta (0%)

Yellow (89%)

Black (82%)



Cyan (91%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172E05 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 172E05 by changing the saturation by 10% instead.

 172E05

 172E05

 FEF7E7

 001B00

 445C32

 000000

 5C7549


 758F62

 8FA97B

 AAC495

 C5E0AF

 E1FDCB

 172E05

 172E05

■ 142E00

■ 1A2E0A

■ 1C2E0E

■ 1F2E13

■ 212E17

■ 242E1C

■ 262E21

■ 292E25

■ 2C2E2A

■ 2E2E2E

Harmonies

Analogous

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



2D2900



172E05



00311A

Triad

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



172E05



002E4D



4B1523

Complementary

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



172E05



1C052E

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.



441836



172E05



06284F

Square

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



172E05



003141



312046



481A10

Rectangle

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



172E05



003128



312046



4A1529

Sweetspot

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



172E05



323B2B



2E1C05



191F15



9E9E9E



1F1F1F

Same Dimension

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



172E05



1A3B00



052E07



161715



265700



5ED600

Inverse Universe

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



1C052E



21003B



2E052C



161517



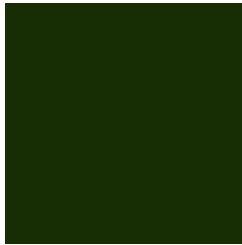
310057



7800D6

Previews

White Background



This preview shows how the Hex color 172E05 looks on a white background.

Color Contrast Check

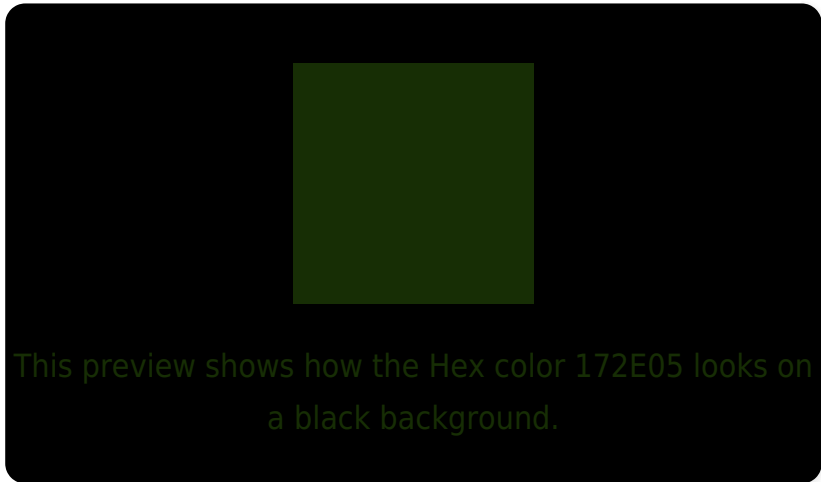
Large Text (above 18pt) WCAG AA ✓ Pass

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

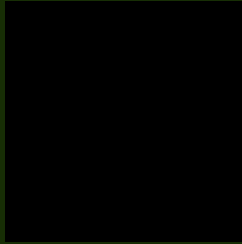
Any Text WCAG AA × Fail

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 172E05 Background



This preview shows how black text looks on a background with the Hex color 172E05.



This preview shows how white text looks on a background with the Hex color 172E05.

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
172E05

Protanopia
2E2903

Deuteranopia
33260A



Tritanopia
1D2B2E

Trichromacy



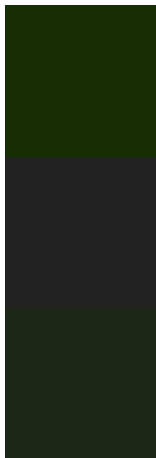
Original Color
172E05

Protanomaly
262B04

Deuteranomaly
292908

Tritanomaly
1B2C1F

Monochromacy



Original Color
172E05

Achromatopsia
222222

Achromatomaly
1E2617

CSS Examples

Text

The CSS property to change the color of the text to Hex 172E05 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 #172E05 looks like.

```
.text, #text, p{  
    color:#172E05  
}
```

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 #172E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172E05
}
```

Border

The CSS property to change the border of an element to Hex 172E05 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".

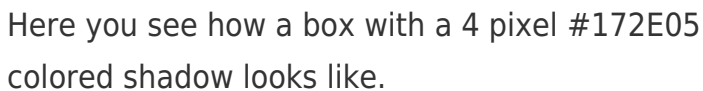
```
.border, #border, table{ border:4px solid
#172E05 }
```

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

```
.border{ border-color:#172E05 }
```

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

Here you see how a box with a 4 pixel #172E05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172E05; -webkit-box-shadow:4px 4px  
4px 4px #172E05; box-shadow:4px 4px 4px  
4px #172E05 }
```

Background

The CSS property to change the background color of an element to Hex 172E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172E05 }
```

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

```
.background{ background-color:#172E05 }
```

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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