

Converting Colors

Hex(172300)

Have a look what the booklet for
Hex(172300) contains.

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Color

Hex(172300)

Conversions

Conversions Part 1

Format	Color
Hex	172300
RGB	23, 35, 0
RGB Percent	9%, 14%, 0%
CMY	0.9098, 0.8627, 1.0000
CMYK	0.34, 0.00, 1.00, 0.86
HSL	81°, 100%, 7%
HSV	81°, 100%, 14%
XYZ	0.9544, 1.3842, 0.2169
YIQ	27.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

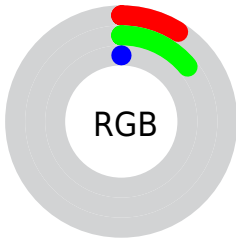
Format	Color
RYB	0, 35, 12
Decimal	1516288
CIELab	11.85, -12.18, 17.33
CIELCh	12, 21.186, 125.104
Yxy	1.3842, 0.3735, 0.5417
Android (android.graphics.Color)	4279706368 (0xFF172300)
YUV	27.4220, -13.5190, -3.8781
Hunter-Lab	11.7653, -6.1096, 7.1428

Details

The Hex color **172300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0023**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **41502F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172300**, and if you desaturate by 10%, it is **182303**.

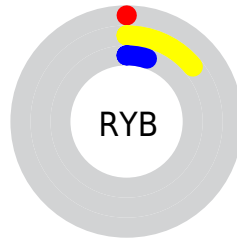
Distribution



Red (9%)

Green (14%)

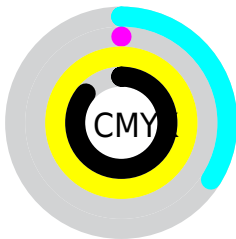
Blue (0%)



Red (0%)

Yellow (14%)

Blue (5%)

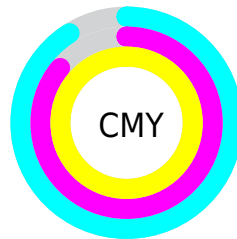


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (86%)



Cyan (91%)


Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172300 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 172300 by changing the saturation by 10% instead.

 172300

 172300

 FAFFE2

 000C00

 41502F

 000000

 596846


 72815E

 8C9B76

 A6B690

 C1D1AB

 DDEEC6

 172300

■ 182303

■ 192307

■ 1B230B

■ 1C230E

■ 1D2312

■ 1E2315

■ 1F2319

■ 21231C

■ 222320

Harmonies

Analogous

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



261F00



172300



002512

Triad

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



172300



002439



39111D

Complementary

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



172300



0C0023

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.



33142C



172300



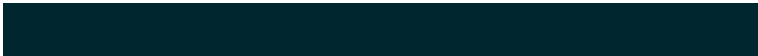
03203C

Square

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



172300



002630



231A37



38140E

Rectangle

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



172300



00261C



231A37



381222

Sweetspot

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



172300



292E20



230C00



14170F



969696



171717

Same Dimension

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



172300



1E2E00



062300



111210



365200



89D100

Inverse Universe

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



0C0023



10002E



1D0023



111012



1C0052



4800D1

Previews

White Background



This preview shows how the Hex color 172300 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

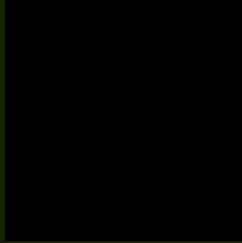
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

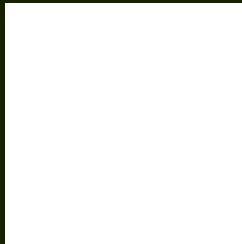
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 172300 Background



This preview shows how black text looks on a background with the Hex color 172300.



This preview shows how white text looks on a background with the Hex color 172300.

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


172300

Protanopia

242000

Deuteranopia

281E07



Tritanopia
1B2123

Trichromacy



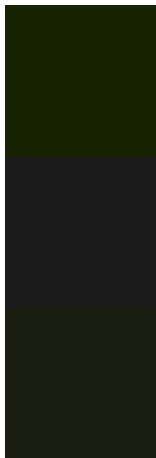
Original Color
172300

Protanomaly
1F2100

Deuteranomaly
222004

Tritanomaly
1A2216

Monochromacy



Original Color
172300

Achromatopsia
1B1B1B

Achromatomaly
1A1E11

CSS Examples

Text

The CSS property to change the color of the text to Hex 172300 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 #172300 looks like.

```
.text, #text, p{  
    color:#172300  
}
```

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 #172300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172300
}
```

Border

The CSS property to change the border of an element to Hex 172300 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
#172300 }
```

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

```
.border{ border-color:#172300 }
```

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

Here you see how a box with a 4 pixel #172300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172300; -webkit-box-shadow:4px 4px  
4px 4px #172300; box-shadow:4px 4px 4px  
4px #172300 }
```

Background

The CSS property to change the background color of an element to Hex 172300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172300 }
```

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

```
.background{ background-color:#172300 }
```

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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