

Converting Colors

Hex(1E2306)

Have a look what the booklet for
Hex(1E2306) contains.

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Color

Hex(1E2306)

Conversions

Conversions Part 1

Format	Color
Hex	1E2306
RGB	30, 35, 6
RGB Percent	12%, 14%, 2%
CMY	0.8824, 0.8627, 0.9765
CMYK	0.14, 0.00, 0.83, 0.86
HSL	70°, 71%, 8%
HSV	70°, 83%, 14%
XYZ	1.1693, 1.4912, 0.3985
YIQ	30.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

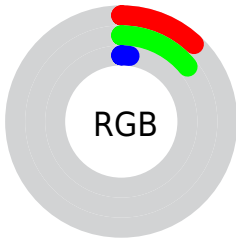
Format	Color
RYB	6, 35, 11
Decimal	1975046
CIELab	12.55, -7.64, 15.94
CIElCh	13, 17.680, 115.618
Yxy	1.4912, 0.3822, 0.4875
Android (android.graphics.Color)	4280165126 (0xFF1E2306)
YUV	30.1990, -11.9301, -0.1745
Hunter-Lab	12.2116, -4.2780, 6.6133

Details

The Hex color **1E2306** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0623**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4A4F33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D2302**, and if you desaturate by 10%, it is **1F2309**.

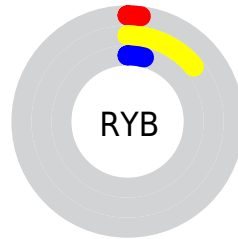
Distribution



 Red (12%)

 Green (14%)

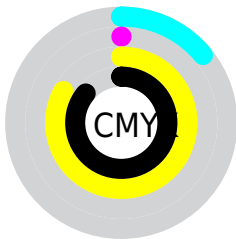
 Blue (2%)




 Red (2%)

 Yellow (14%)

 Blue (4%)

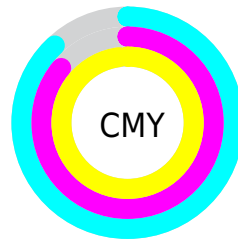


 Cyan (14%)

 Magenta (0%)

 Yellow (83%)

 Black (86%)



 Cyan (88%)

 Magenta (86%)

 Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2306 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 1E2306 by changing the saturation by 10% instead.

 1E2306

 1E2306

 FFFFE7

 000E00

 4A4F33

 000000

 62674A


 7B8062

 959A7B

 B0B595

 CBD1AF

 E7EDCB

 1E2306

 1E2306

■ 1D2302

■ 1F2309

■ 1D2300

■ 1F230D

■ 202311

■ 202314

■ 212318

■ 22231B

■ 22231F

■ 232322

■ 232326

Harmonies

Analogous

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



2A1F02



1E2306



0E2512

Triad

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



1E2306



002534



361623

Complementary

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



1E2306



0B0623

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.



2E192F



1E2306



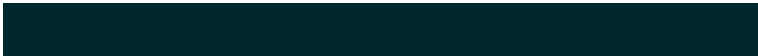
042239

Square

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



1E2306



00272B



1E1E37



371717

Rectangle

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



1E2306



01261A



1E1E37



341727

Sweetspot

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



1E2306



2C2E22



230B06



161710



969696



171717

Same Dimension

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



1E2306



262E00



102306



121210



445200



ADD100

Inverse Universe

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



0B0623



08002E



190623



101012



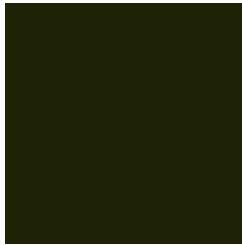
0E0052



2400D1

Previews

White Background



This preview shows how the Hex color 1E2306 looks on a white background.

Color Contrast Check

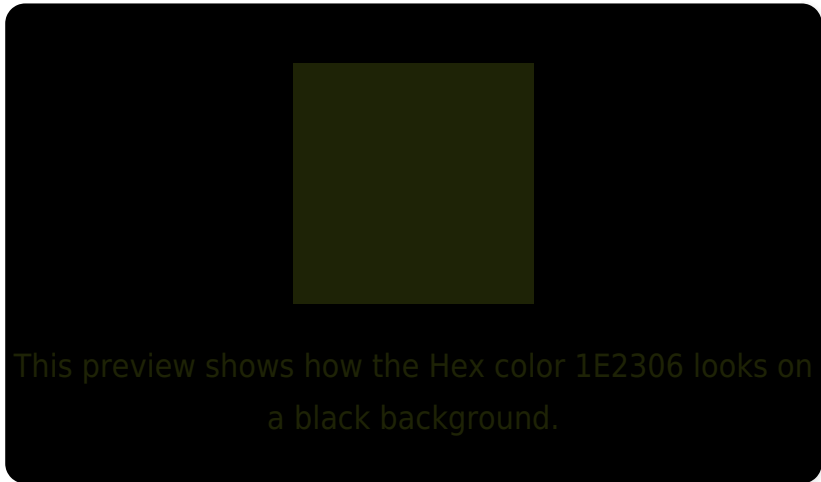
Large Text (above 18pt) WCAG AA ✓ Pass

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

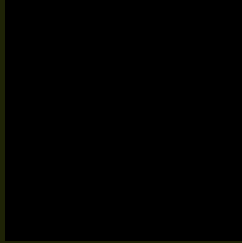
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

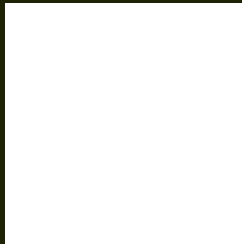
Any Text WCAG AAA × Fail

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

Hex 1E2306 Background



This preview shows how black text looks on a background with the Hex color 1E2306.

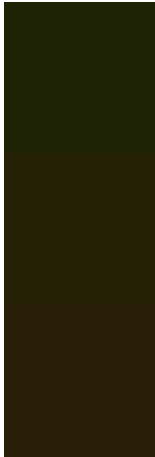


This preview shows how white text looks on a background with the Hex color 1E2306.

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](#).

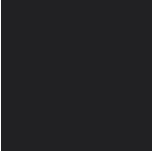
Dichromacy



Original Color
1E2306

Protanopia
252105

Deuteranopia
291F08



Tritanopia
212123

Trichromacy



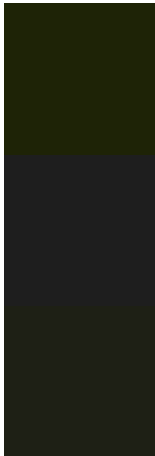
Original Color
1E2306

Protanomaly
222205

Deuteranomaly
252007

Tritanomaly
202218

Monochromacy



Original Color
1E2306

Achromatopsia
1E1E1E

Achromatomaly
1E2015

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2306 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 #1E2306 looks like.

```
.text, #text, p{  
    color:#1E2306  
}
```

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 #1E2306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2306
}
```

Border

The CSS property to change the border of an element to Hex 1E2306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

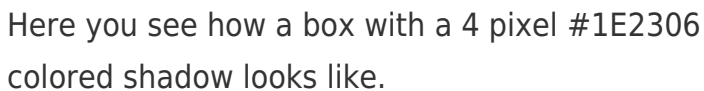
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E2306 }
```

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

```
.border{ border-color:#1E2306 }
```

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



Here you see how a box with a 4 pixel #1E2306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2306; -webkit-box-shadow:4px 4px  
4px 4px #1E2306; box-shadow:4px 4px 4px  
4px #1E2306 }
```

Background

The CSS property to change the background color of an element to Hex 1E2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2306 }
```

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

```
.background{ background-color:#1E2306 }
```

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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