

Converting Colors

Hex(1B2306)

Have a look what the booklet for
Hex(1B2306) contains.

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Color

Hex(1B2306)

Conversions

Conversions Part 1

Format	Color
Hex	1B2306
RGB	27, 35, 6
RGB Percent	11%, 14%, 2%
CMY	0.8941, 0.8627, 0.9765
CMYK	0.23, 0.00, 0.83, 0.86
HSL	77°, 71%, 8%
HSV	77°, 83%, 14%
XYZ	1.0859, 1.4482, 0.3946
YIQ	29.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

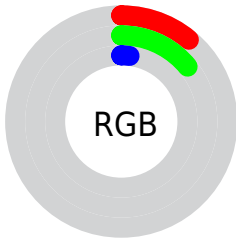
Format	Color
RYB	6, 35, 14
Decimal	1778438
CIELab	12.28, -9.26, 15.52
CIELCh	12, 18.074, 120.830
Yxy	1.4482, 0.3708, 0.4945
Android (android.graphics.Color)	4279968518 (0xFF1B2306)
YUV	29.3020, -11.4879, -2.0189
Hunter-Lab	12.0342, -4.9531, 6.4799

Details

The Hex color **1B2306** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0623**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **464F33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2302**, and if you desaturate by 10%, it is **1C2309**.

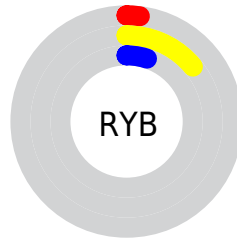
Distribution



Red (11%)

Green (14%)

Blue (2%)



Red (2%)

Yellow (14%)

Blue (5%)

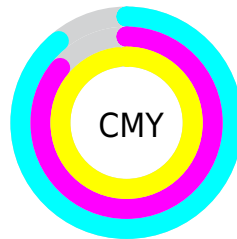


Cyan (23%)

Magenta (0%)

Yellow (83%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2306 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 1B2306 by changing the saturation by 10% instead.

 1B2306

 1B2306

 FFFFE7


 000F00

 464F33

 000000

 5E674A

 778162

 919B7B

 ACB595

 C7D1AF

 E3EDCB

 1B2306

 1B2306

■ 1A2302

■ 1C2309

■ 192300

■ 1D230D

■ 1E2311

■ 1F2314

■ 202318

■ 21231B

■ 22231F

■ 232322

■ 242326

Harmonies

Analogous

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



281F00



1B2306



092513

Triad

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



1B2306



002436



361520

Complementary

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



1B2306



0E0623

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.



30182C



1B2306



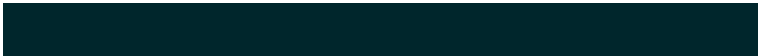
082139

Square

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



1B2306



00262C



211D35



361714

Rectangle

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



1B2306



00261C



211D35



351624

Sweetspot

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



1B2306



2B2E22



230E06



151710



969696



171717

Same Dimension

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



1B2306



212E00



0D2306



111210



3B5200



97D100

Inverse Universe

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



0E0623



0D002E



1C0623



111012



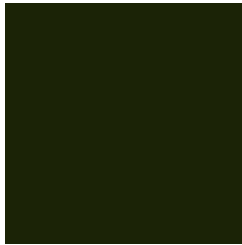
170052



3A00D1

Previews

White Background



This preview shows how the Hex color 1B2306 looks on a white background.

Color Contrast Check

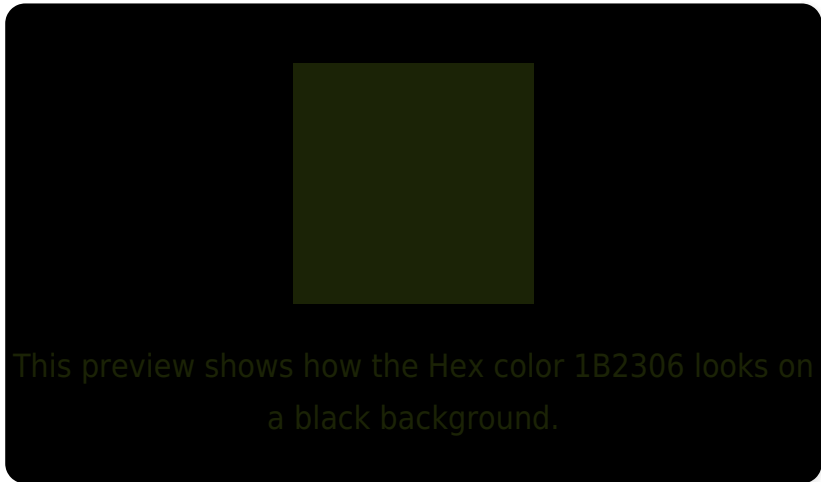
Large Text (above 18pt) WCAG AA ✓ Pass

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

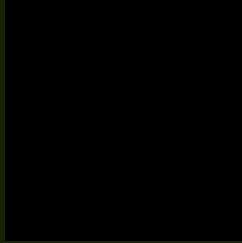
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

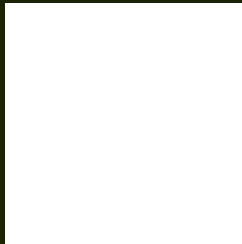
Any Text WCAG AAA × Fail

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

Hex 1B2306 Background



This preview shows how black text looks on a background with the Hex color 1B2306.

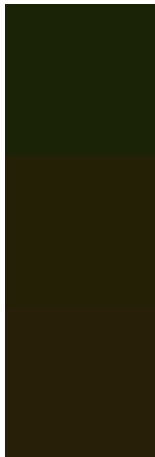


This preview shows how white text looks on a background with the Hex color 1B2306.

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](#).

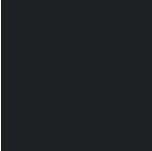
Dichromacy



Original Color
1B2306

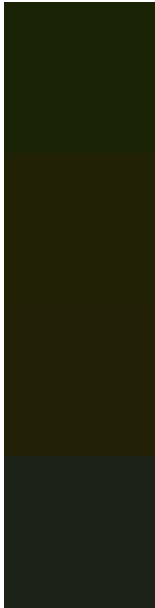
Protanopia
242005

Deuteranopia
281F09



Tritanopia
1E2123

Trichromacy



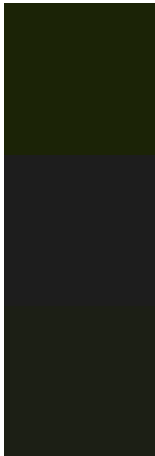
Original Color
1B2306

Protanomaly
212105

Deuteranomaly
232008

Tritanomaly
1D2218

Monochromacy



Original Color
1B2306

Achromatopsia
1D1D1D

Achromatomaly
1C1F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2306 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 #1B2306 looks like.

```
.text, #text, p{  
    color:#1B2306  
}
```

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 #1B2306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2306
}
```

Border

The CSS property to change the border of an element to Hex 1B2306 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".

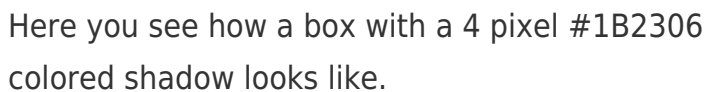
```
.border, #border, table{ border:4px solid
#1B2306 }
```

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

```
.border{ border-color:#1B2306 }
```

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

Here you see how a box with a 4 pixel #1B2306 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2306; -webkit-box-shadow:4px 4px  
4px 4px #1B2306; box-shadow:4px 4px 4px  
4px #1B2306 }
```

Background

The CSS property to change the background color of an element to Hex 1B2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2306 }
```

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

```
.background{ background-color:#1B2306 }
```

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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