

Converting Colors

Hex(182300)

Have a look what the booklet for
Hex(182300) contains.

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Color

Hex(182300)

Conversions

Conversions Part 1

Format	Color
Hex	182300
RGB	24, 35, 0
RGB Percent	9%, 14%, 0%
CMY	0.9059, 0.8627, 1.0000
CMYK	0.31, 0.00, 1.00, 0.86
HSL	79°, 100%, 7%
HSV	79°, 100%, 14%
XYZ	0.9777, 1.3963, 0.2180
YIQ	27.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

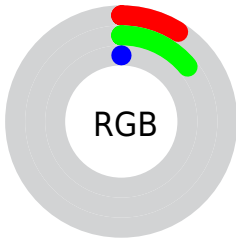
Format	Color
RYB	0, 35, 11
Decimal	1581824
CIELab	11.93, -11.66, 17.46
CIElCh	12, 20.991, 123.737
Yxy	1.3963, 0.3772, 0.5387
Android (android.graphics.Color)	4279771904 (0xFF182300)
YUV	27.7210, -13.6665, -3.2633
Hunter-Lab	11.8163, -5.9089, 7.1777

Details

The Hex color **182300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0023**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **43502F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182300**, and if you desaturate by 10%, it is **192303**.

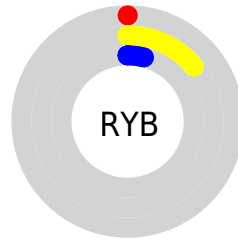
Distribution



Red (9%)

Green (14%)

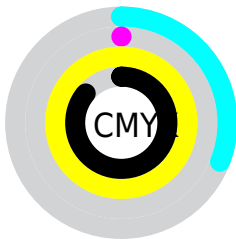
Blue (0%)



Red (0%)

Yellow (14%)

Blue (4%)

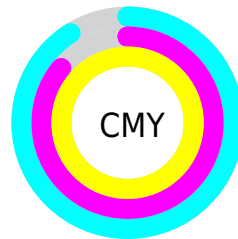


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 182300 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 182300 by changing the saturation by 10% instead.

 182300

 182300

 FBFFE2

 000D00

 43502F

 000000

 5A6846

 73815E

 8D9B76

 A7B690

 C3D1AB

 DFEDC6

 182300

■ 192303

■ 1A2307

■ 1B230B

■ 1C230E

■ 1D2312

■ 1F2315

■ 202319

■ 21231C

■ 222320

Harmonies

Analogous

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



271F00



182300



012512

Triad

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



182300



002439



39121E

Complementary

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



182300



0B0023

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.



32152C



182300



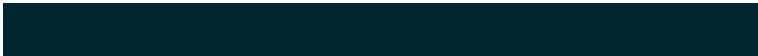
02203C

Square

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



182300



00262F



221B37



38140F

Rectangle

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



182300



00261C



221B37



381223

Sweetspot

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



182300



2A2E20



230B00



14170F



969696



171717

Same Dimension

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



182300



1F2E00



072300



111210



385200



8FD100

Inverse Universe

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



0B0023



0E002E



1C0023



111012



1A0052



4200D1

Previews

White Background



This preview shows how the Hex color 182300 looks on a white background.

Color Contrast Check

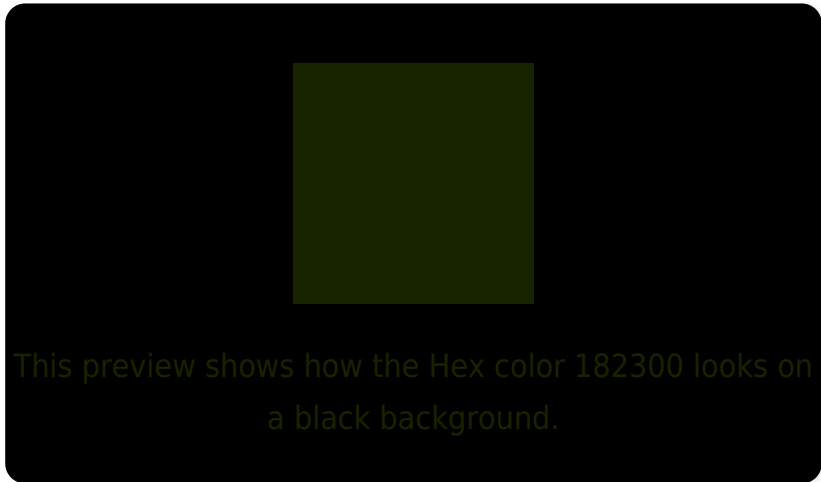
Large Text (above 18pt) WCAG AA ✓ Pass

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

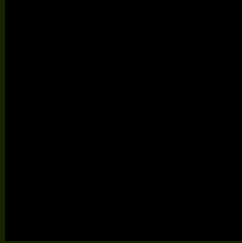
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

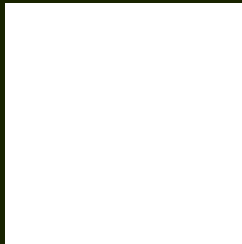
Any Text WCAG AAA × Fail

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

Hex 182300 Background



This preview shows how black text looks on a background with the Hex color 182300.

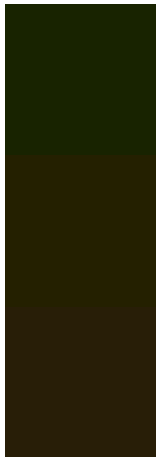


This preview shows how white text looks on a background with the Hex color 182300.

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
182300

Protanopia
242000

Deuteranopia
281E07



Tritanopia
1B2123

Trichromacy



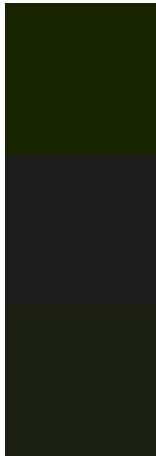
Original Color
182300

Protanomaly
202100

Deuteranomaly
222004

Tritanomaly
1A2216

Monochromacy



Original Color
182300

Achromatopsia
1C1C1C

Achromatomaly
1B1F12

CSS Examples

Text

The CSS property to change the color of the text to Hex 182300 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 #182300 looks like.

```
.text, #text, p{  
    color:#182300  
}
```

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 #182300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182300
}
```

Border

The CSS property to change the border of an element to Hex 182300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

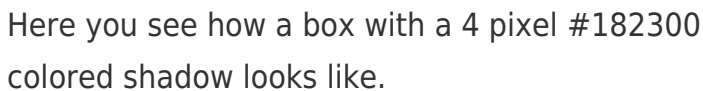
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#182300 }
```

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

```
.border{ border-color:#182300 }
```

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



Here you see how a box with a 4 pixel #182300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182300; -webkit-box-shadow:4px 4px  
4px 4px #182300; box-shadow:4px 4px 4px  
4px #182300 }
```

Background

The CSS property to change the background color of an element to Hex 182300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182300 }
```

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

```
.background{ background-color:#182300 }
```

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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