

Converting Colors

Hex(181300)

Have a look what the booklet for
Hex(181300) contains.

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Color

Hex(181300)

Conversions

Conversions Part 1

Format	Color
Hex	181300
RGB	24, 19, 0
RGB Percent	9%, 7%, 0%
CMY	0.9059, 0.9255, 1.0000
CMYK	0.00, 0.21, 1.00, 0.91
HSL	48°, 100%, 5%
HSV	48°, 100%, 9%
XYZ	0.6096, 0.6599, 0.0953
YIQ	18.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

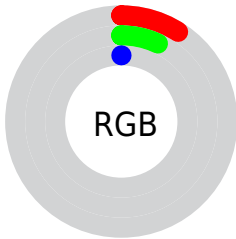
Format	Color
RYB	6, 24, 0
Decimal	1577728
CIELab	5.96, -0.72, 8.92
CIELCh	6, 8.945, 94.646
Yxy	0.6599, 0.4466, 0.4836
Android (android.graphics.Color)	4279767808 (0xFF181300)
YUV	18.3290, -9.0362, 4.9735
Hunter-Lab	8.1236, -0.8225, 4.9913

Details

The Hex color **181300** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000518**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **423D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **181300**, and if you desaturate by 10%, it is **181402**.

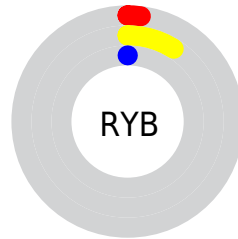
Distribution



Red (9%)

Green (7%)

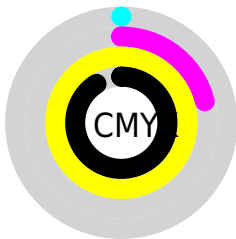
Blue (0%)



Red (2%)

Yellow (9%)

Blue (0%)

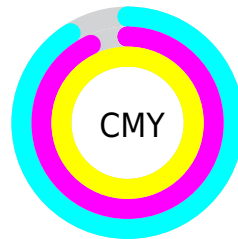


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (91%)



Cyan (91%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181300 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 181300 by changing the saturation by 10% instead.

 181300

 181300

 F9F3E2

 000000

 423D30

 595446

 726D5E

 8B8677

 A6A090

 C1BBAB

 DDD7C6

 181300

■ 181402

■ 181405

■ 181507

■ 18150A

■ 18160C

■ 18160E

■ 181611

■ 181713

■ 181716

Harmonies

Analogous

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



1D1102



181300



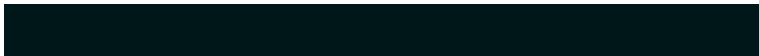
101504

Triad

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



181300



00171A



1C0F19

Complementary

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



181300



000518

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.



16111D



181300



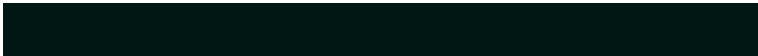
02151E

Square

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



181300



001714



0C131F



1F0E12

Rectangle

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



181300



091609



0C131F



1A101A

Sweetspot

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



181300



1F1D15



180005



0F0E0A



8F8F8F



0F0F0F

Same Dimension

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



181300



1F1800



111800



0D0C0B



4D3D00



CCA200

Inverse Universe

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



000518



00061F



070018



0B0C0D



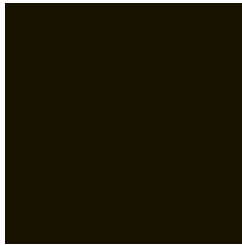
00104D



002BCC

Previews

White Background



This preview shows how the Hex color 181300 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

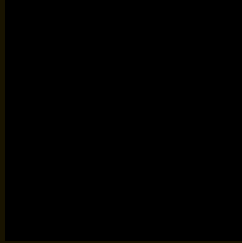
Any Text WCAG AA × Fail

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 181300 Background



This preview shows how black text looks on a background with the Hex color 181300.

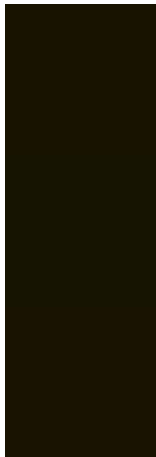


This preview shows how white text looks on a background with the Hex color 181300.

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
181300

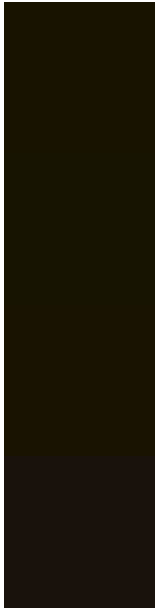
Protanopia
161401

Deuteranopia
191301



Tritanopia
191213

Trichromacy



Original Color
181300

Protanomaly
171401

Deuteranomaly
191301

Tritanomaly
19120C

Monochromacy



Original Color
181300

Achromatopsia
121212

Achromatomaly
14120B

CSS Examples

Text

The CSS property to change the color of the text to Hex 181300 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 #181300 looks like.

```
.text, #text, p{  
    color:#181300  
}
```

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 #181300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181300
}
```

Border

The CSS property to change the border of an element to Hex 181300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

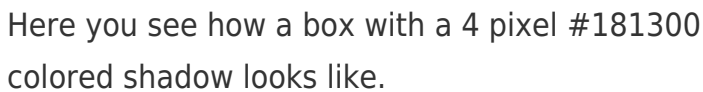
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#181300 }
```

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

```
.border{ border-color:#181300 }
```

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



Here you see how a box with a 4 pixel #181300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181300; -webkit-box-shadow:4px 4px  
4px 4px #181300; box-shadow:4px 4px 4px  
4px #181300 }
```

Background

The CSS property to change the background color of an element to Hex 181300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181300 }
```

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

```
.background{ background-color:#181300 }
```

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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