

Converting Colors

Hex(1B5300)

Have a look what the booklet for
Hex(1B5300) contains.

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Color

Hex(1B5300)

Conversions

Conversions Part 1

Format	Color
Hex	1B5300
RGB	27, 83, 0
RGB Percent	11%, 33%, 0%
CMY	0.8941, 0.6745, 1.0000
CMYK	0.67, 0.00, 1.00, 0.67
HSL	100°, 100%, 16%
HSV	100°, 100%, 33%
XYZ	3.5453, 6.4195, 1.0522
YIQ	56.7940, -6.7330, -37.6850

Conversions

Conversions Part 2

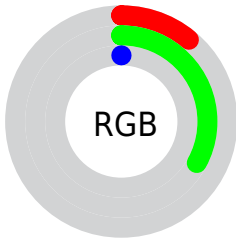
Format	Color
RYB	0, 83, 56
Decimal	1790720
CIELab	30.45, -33.14, 37.48
CIELCh	30, 50.033, 131.485
Yxy	6.4195, 0.3218, 0.5827
Android (android.graphics.Color)	4279980800 (0xFF1B5300)
YUV	56.7940, -27.9994, -26.1293
Hunter-Lab	25.3368, -19.3627, 15.2734

Details

The Hex color **1B5300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **380053**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **508534**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **1B5300**, and if you desaturate by 10%, it is **215308**.

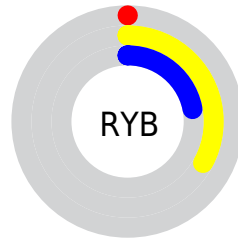
Distribution



Red (11%)

Green (33%)

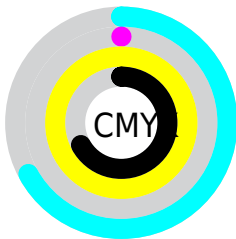
Blue (0%)



Red (0%)

Yellow (33%)

Blue (22%)

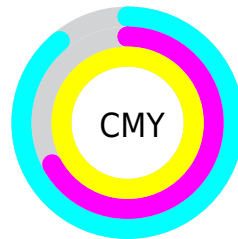


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (89%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5300 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 1B5300 by changing the saturation by 10% instead.

 1B5300

 1B5300

 FFFFEE

 003B00

 508534

 002600

 6AA04D

 000300

 85BB66

 000000

 A0D77F

 BCF39A

 D8FFB5

 F5FFD1

 1B5300

■ 215308

■ 265311

■ 2C5319

■ 315321

■ 375329

■ 3D5332

■ 42533A

■ 485342

■ 4D534B

Harmonies

Analogous

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



4B4B00



1B5300



00572D

Triad

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



1B5300



005392



8B173B

Complementary

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



1B5300



380053

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.



801F61



1B5300



004895

Square

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



1B5300



00587B



5B3583



832915

Rectangle

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



1B5300



005849



5B3583



8A1647

Sweetspot

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



1B5300



556B4B



533700



293622



B5B5B5



363636

Same Dimension

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



1B5300



236B00



00530E



262925



226900



4BE800

Inverse Universe

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



380053



48006B



530045



272529



470069



9D00E8

Previews

White Background



This preview shows how the Hex color 1B5300 looks on a white background.

Color Contrast Check

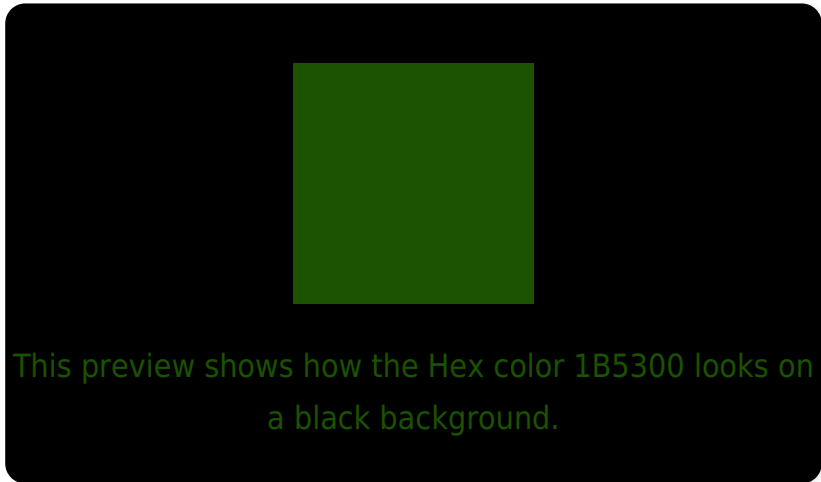
Large Text (above 18pt) WCAG AA ✓ Pass

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

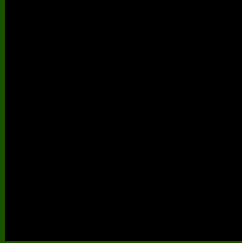
Any Text WCAG AA × Fail

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 1B5300 Background



This preview shows how black text looks on a background with the Hex color 1B5300.



This preview shows how white text looks on a background with the Hex color 1B5300.

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](#).

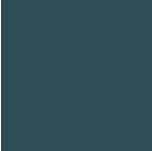
Dichromacy



Original Color
1B5300

Protanopia
514800

Deuteranopia
5A4412



Tritanopia
2B4D53

Trichromacy



Original Color
1B5300

Protanomaly
3D4C00

Deuteranomaly
43490B

Tritanomaly
254F35

Monochromacy



Original Color
1B5300

Achromatopsia
393939

Achromatomaly
2E4224

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5300 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 #1B5300 looks like.

```
.text, #text, p{  
    color:#1B5300  
}
```

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 #1B5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5300
}
```

Border

The CSS property to change the border of an element to Hex 1B5300 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
#1B5300 }
```

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

```
.border{ border-color:#1B5300 }
```

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

Here you see how a box with a 4 pixel #1B5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5300; -webkit-box-shadow:4px 4px  
4px 4px #1B5300; box-shadow:4px 4px 4px  
4px #1B5300 }
```

Background

The CSS property to change the background color of an element to Hex 1B5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5300 }
```

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

```
.background{ background-color:#1B5300 }
```

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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