

Converting Colors

Hex(1B5400)

Have a look what the booklet for
Hex(1B5400) contains.

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Color

Hex(1B5400)

Conversions

Conversions Part 1

Format	Color
Hex	1B5400
RGB	27, 84, 0
RGB Percent	11%, 33%, 0%
CMY	0.8941, 0.6706, 1.0000
CMYK	0.68, 0.00, 1.00, 0.67
HSL	101°, 100%, 16%
HSV	101°, 100%, 33%
XYZ	3.6223, 6.5737, 1.0779
YIQ	57.3810, -7.0080, -38.2080

Conversions

Conversions Part 2

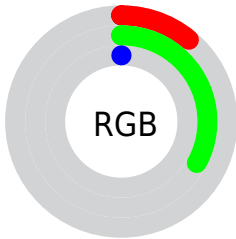
Format	Color
RYB	0, 84, 57
Decimal	1790976
CIELab	30.82, -33.53, 37.77
CIELCh	31, 50.508, 131.595
Yxy	6.5737, 0.3213, 0.5831
Android (android.graphics.Color)	4279981056 (0xFF1B5400)
YUV	57.3810, -28.2888, -26.6441
Hunter-Lab	25.6391, -19.6499, 15.4547

Details

The Hex color **1B5400** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **390054**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **508634**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **1B5400**, and if you desaturate by 10%, it is **215408**.

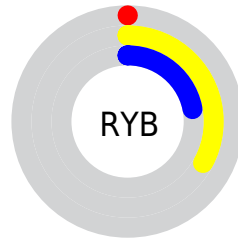
Distribution



Red (11%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (22%)

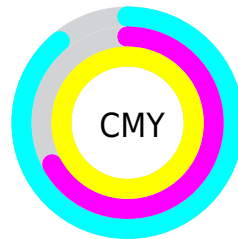


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (89%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5400 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 1B5400 by changing the saturation by 10% instead.

 1B5400

 1B5400

 FFFFEE

 003C00

 508634

 002700

 6AA14D

 000600

 85BC66

 000000

 A0D880

 BCF59A

 D9FFB6

 F6FFD2

 1B5400

■ 215408

■ 265411

■ 2C5419

■ 325422

■ 37542A

■ 3D5432

■ 43543B

■ 495443

■ 4E544C

Harmonies

Analogous

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



4B4C00



1B5400



00582E

Triad

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



1B5400



005494



8D173B

Complementary

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



1B5400



390054

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.



811F62



1B5400



004897

Square

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



1B5400



00597C



5C3684



842915

Rectangle

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



1B5400



00594A



5C3684



8C1648

Sweetspot

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



1B5400



576E4D



543800



2A3824



B8B8B8



383838

Same Dimension

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



1B5400



236E00



00540E



262925



226900



4BE800

Inverse Universe

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



390054



4A006E



540046



272529



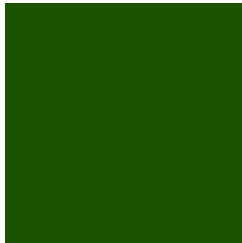
470069



9D00E8

Previews

White Background



This preview shows how the Hex color 1B5400 looks on a white background.

Color Contrast Check

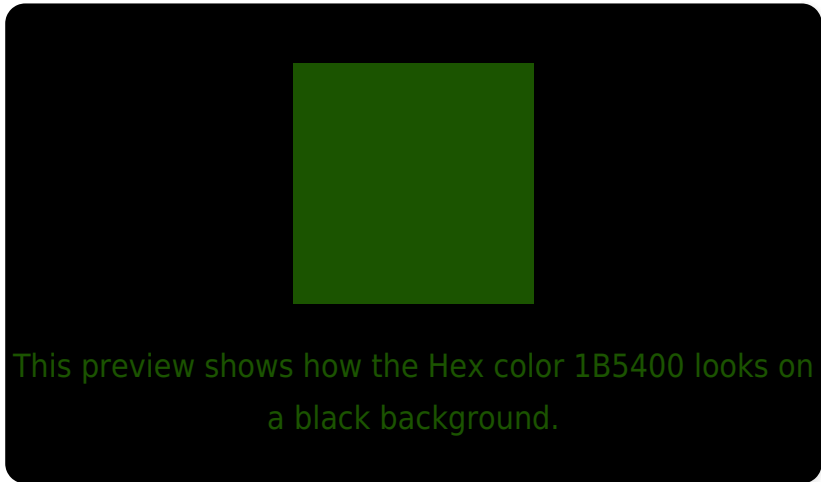
Large Text (above 18pt) WCAG AA ✓ Pass

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

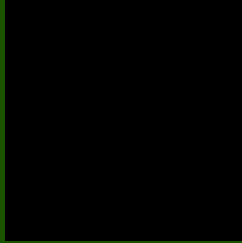
Any Text WCAG AA × Fail

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 1B5400 Background



This preview shows how black text looks on a background with the Hex color 1B5400.



This preview shows how white text looks on a background with the Hex color 1B5400.

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](#).

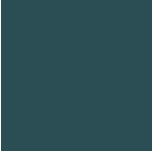
Dichromacy



Original Color
1B5400

Protanopia
524900

Deuteranopia
5B4512



Tritanopia
2B4E54

Trichromacy



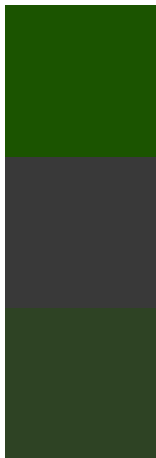
Original Color
1B5400

Protanomaly
3E4D00

Deuteranomaly
444A0B

Tritanomaly
255035

Monochromacy



Original Color
1B5400

Achromatopsia
393939

Achromatomaly
2E4324

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5400 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 #1B5400 looks like.

```
.text, #text, p{  
    color:#1B5400  
}
```

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 #1B5400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5400
}
```

Border

The CSS property to change the border of an element to Hex 1B5400 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
#1B5400 }
```

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

```
.border{ border-color:#1B5400 }
```

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

Here you see how a box with a 4 pixel #1B5400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5400; -webkit-box-shadow:4px 4px  
4px 4px #1B5400; box-shadow:4px 4px 4px  
4px #1B5400 }
```

Background

The CSS property to change the background color of an element to Hex 1B5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5400 }
```

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

```
.background{ background-color:#1B5400 }
```

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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