

Converting Colors

Hex(1B8500)

Have a look what the booklet for
Hex(1B8500) contains.

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Color

Hex(1B8500)

Conversions

Conversions Part 1

Format	Color
Hex	1B8500
RGB	27, 133, 0
RGB Percent	11%, 52%, 0%
CMY	0.8941, 0.4784, 1.0000
CMYK	0.80, 0.00, 1.00, 0.48
HSL	108°, 100%, 26%
HSV	108°, 100%, 52%
XYZ	8.8395, 17.0081, 2.8170
YIQ	86.1440, -20.4830, -63.8350

Conversions

Conversions Part 2

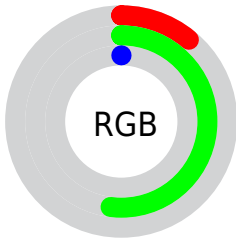
Format	Color
RYB	0, 133, 106
Decimal	1803520
CIELab	48.27, -50.49, 51.66
CIELCh	48, 72.236, 134.346
Yxy	17.0081, 0.3084, 0.5933
Android (android.graphics.Color)	4279993600 (0xFF1B8500)
YUV	86.1440, -42.4690, -51.8693
Hunter-Lab	41.2408, -33.9119, 24.8187

Details

The Hex color **1B8500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6A0085**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5DBB41**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **1B8500**, and if you desaturate by 10%, it is **26850D**.

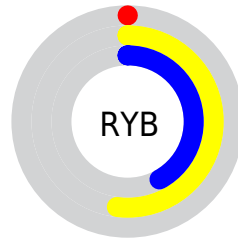
Distribution



Red (11%)

Green (52%)

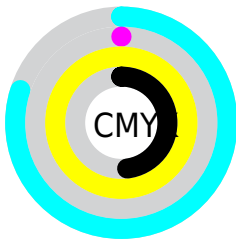
Blue (0%)



Red (0%)

Yellow (52%)

Blue (42%)

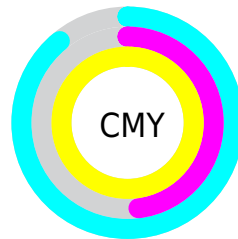


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (89%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8500 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 1B8500 by changing the saturation by 10% instead.

 1B8500

 1B8500

FFFFFF

 006B00

 5DBB41

 005200

 79D75B

 003A00

 96F476

 002300

 B3FF91

 000000

 D0FFAD

 EEFFC9

 FFFFEE6

 1B8500

 26850D

 30851B

 3B8528

 458535

 508543

 5B8550

 65855D

 70856A

 7A8578

Harmonies

Analogous

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



707900



1B8500



008B4F

Triad

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



1B8500



0083E9



DC2258

Complementary

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



1B8500



6A0085

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.



CE2C95



1B8500



0070EA

Square

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



1B8500



008BC7



9852CB



CB451C

Rectangle

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



1B8500



008D7A



9852CB



DB1D6D

Sweetspot

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



1B8500



84AD79



856800



3E5737



D6D6D6



575757

Same Dimension

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



1B8500



23AD00



008526



3D423C



1A8200



010300

Inverse Universe

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



6A0085



8A00AD



85005F



413C42



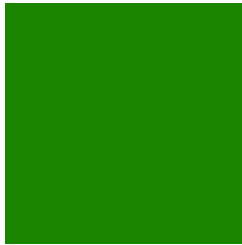
680082



020003

Previews

White Background



This preview shows how the Hex color 1B8500 looks on a white background.

Color Contrast Check

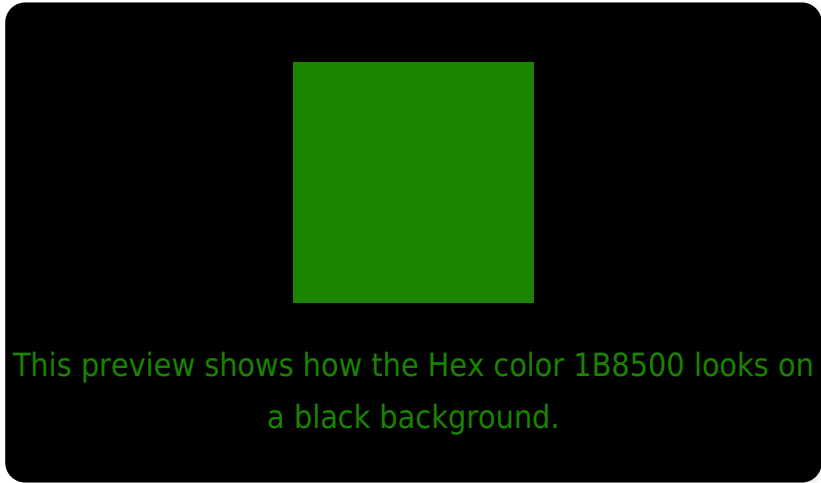
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

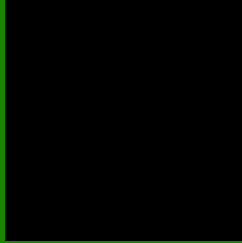
Any Text WCAG AA × Fail

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 1B8500 Background



This preview shows how black text looks on a background with the Hex color 1B8500.



This preview shows how white text looks on a background with the Hex color 1B8500.

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
1B8500

Protanopia
817200

Deuteranopia
8F6C1D



Tritanopia
3D7C86

Trichromacy



Original Color
1B8500



Protanomaly
5C7900



Deuteranomaly
657512



Tritanomaly
317F55

Monochromacy



Original Color
1B8500



Achromatopsia
565656



Achromatomaly
416737

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8500 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 #1B8500 looks like.

```
.text, #text, p{  
    color:#1B8500  
}
```

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 #1B8500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8500
}
```

Border

The CSS property to change the border of an element to Hex 1B8500 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
#1B8500 }
```

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

```
.border{ border-color:#1B8500 }
```

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

Here you see how a box with a 4 pixel #1B8500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8500; -webkit-box-shadow:4px 4px  
4px 4px #1B8500; box-shadow:4px 4px 4px  
4px #1B8500 }
```

Background

The CSS property to change the background color of an element to Hex 1B8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8500 }
```

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

```
.background{ background-color:#1B8500 }
```

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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