

Converting Colors

Hex(1D5300)

Have a look what the booklet for
Hex(1D5300) contains.

Hex(1D5300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D5300)

Conversions

Conversions Part 1

Format	Color
Hex	1D5300
RGB	29, 83, 0
RGB Percent	11%, 33%, 0%
CMY	0.8863, 0.6745, 1.0000
CMYK	0.65, 0.00, 1.00, 0.67
HSL	99°, 100%, 16%
HSV	99°, 100%, 33%
XYZ	3.6000, 6.4477, 1.0548
YIQ	57.3920, -5.5410, -37.2610

Conversions

Conversions Part 2

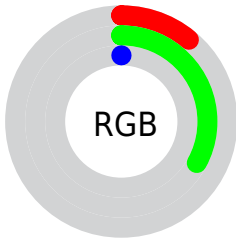
Format	Color
RYB	0, 83, 54
Decimal	1921792
CIELab	30.52, -32.58, 37.56
CIElCh	31, 49.724, 130.937
Yxy	6.4477, 0.3242, 0.5807
Android (android.graphics.Color)	4280111872 (0xFF1D5300)
YUV	57.3920, -28.2943, -24.8998
Hunter-Lab	25.3924, -19.1302, 15.3118

Details

The Hex color **1D5300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **360053**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **528534**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **1D5300**, and if you desaturate by 10%, it is **225308**.

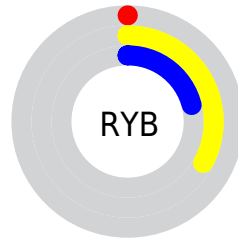
Distribution



Red (11%)

Green (33%)

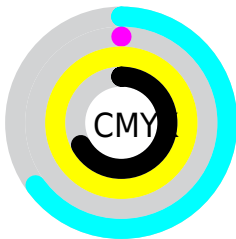
Blue (0%)



Red (0%)

Yellow (33%)

Blue (21%)

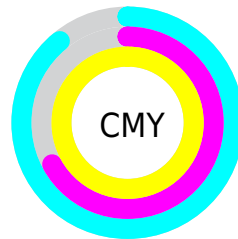


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (89%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5300 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 1D5300 by changing the saturation by 10% instead.

 1D5300

 1D5300

 FFFFEE

 003B00

 528534

 002600

 6CA04D

 000400

 86BB66

 000000

 A1D780

 BDF39A

 DAFFB5

 F7FFD1

 1D5300

■ 225308

■ 285311

■ 2D5319

■ 335321

■ 385329

■ 3D5332

■ 43533A

■ 485342

■ 4E534B

Harmonies

Analogous

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



4C4B00



1D5300



00572D

Triad

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



1D5300



005392



8B173B

Complementary

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



1D5300



360053

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.



7F2062



1D5300



004895

Square

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



1D5300



00587A



5A3683



832916

Rectangle

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



1D5300



005848



5A3683



8A1748

Sweetspot

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



1D5300



566B4B



533600



293622



B5B5B5



363636

Same Dimension

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



1D5300



256B00



00530C



262925



256900



51E800

Inverse Universe

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



360053



46006B



530047



272529



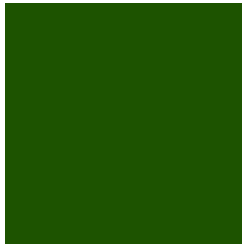
440069



9700E8

Previews

White Background



This preview shows how the Hex color 1D5300 looks on a white background.

Color Contrast Check

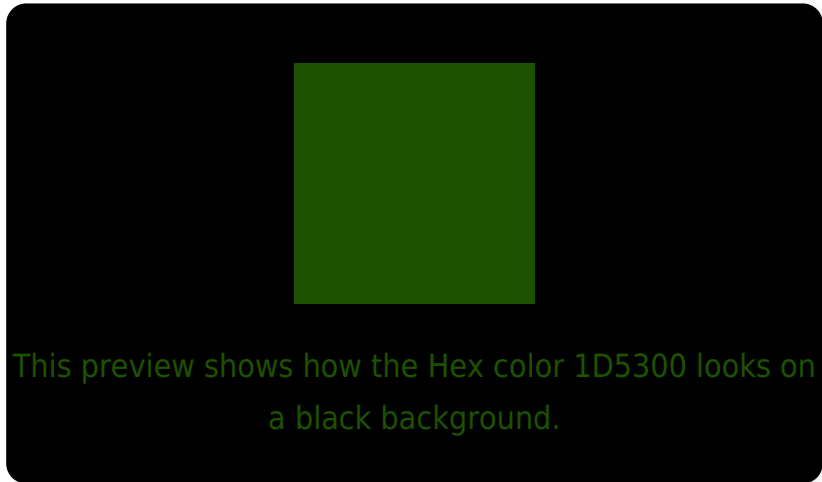
Large Text (above 18pt) WCAG AA ✓ Pass

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

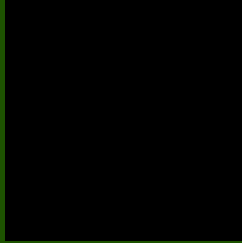
Any Text WCAG AA × Fail

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 1D5300 Background



This preview shows how black text looks on a background with the Hex color 1D5300.



This preview shows how white text looks on a background with the Hex color 1D5300.

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](#).

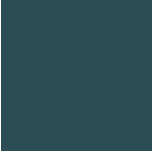
Dichromacy



Original Color
1D5300

Protanopia
514800

Deuteranopia
5A4412



Tritanopia
2C4D53

Trichromacy



Original Color
1D5300

Protanomaly
3E4C00

Deuteranomaly
44490B

Tritanomaly
274F35

Monochromacy



Original Color
1D5300

Achromatopsia
393939

Achromatomaly
2F4224

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5300 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 #1D5300 looks like.

```
.text, #text, p{  
    color:#1D5300  
}
```

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 #1D5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5300
}
```

Border

The CSS property to change the border of an element to Hex 1D5300 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
#1D5300 }
```

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

```
.border{ border-color:#1D5300 }
```

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

Here you see how a box with a 4 pixel #1D5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5300; -webkit-box-shadow:4px 4px  
4px 4px #1D5300; box-shadow:4px 4px 4px  
4px #1D5300 }
```

Background

The CSS property to change the background color of an element to Hex 1D5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5300 }
```

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

```
.background{ background-color:#1D5300 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor