

Converting Colors

Hex(1D5F00)

Have a look what the booklet for
Hex(1D5F00) contains.

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Color

Hex(1D5F00)

Conversions

Conversions Part 1

Format	Color
Hex	1D5F00
RGB	29, 95, 0
RGB Percent	11%, 37%, 0%
CMY	0.8863, 0.6275, 1.0000
CMYK	0.69, 0.00, 1.00, 0.63
HSL	102°, 100%, 19%
HSV	102°, 100%, 37%
XYZ	4.5989, 8.4456, 1.3878
YIQ	64.4360, -8.8410, -43.5370

Conversions

Conversions Part 2

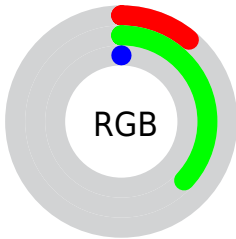
Format	Color
RYB	0, 95, 66
Decimal	1924864
CIELab	34.89, -37.17, 41.03
CIELCh	35, 55.367, 132.177
Yxy	8.4456, 0.3187, 0.5852
Android (android.graphics.Color)	4280114944 (0xFF1D5F00)
YUV	64.4360, -31.7669, -31.0774
Hunter-Lab	29.0614, -22.6101, 17.5116

Details

The Hex color **1D5F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **42005F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **549237**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **1D5F00**, and if you desaturate by 10%, it is **245F09**.

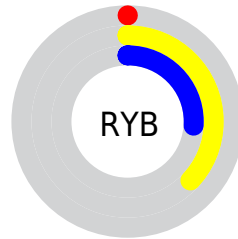
Distribution



Red (11%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (26%)

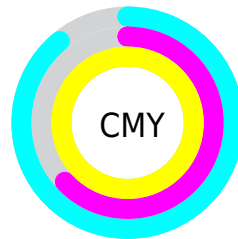


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (89%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5F00 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 1D5F00 by changing the saturation by 10% instead.

 1D5F00

 1D5F00

 FFFFF3

 004700


 549237

 003000

 6FAD50

 001A00

 8AC96A

 000000

 A6E584

 C2FF9F

 DEFFBA

 FCFFD6

 1D5F00

 245F09

 2A5F13

 315F1D

 375F26

 3E5F30

 455F39

 4B5F43

 525F4C

 585F56

Harmonies

Analogous

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



545600



1D5F00



006435

Triad

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



1D5F00



005EA7



9F1A42

Complementary

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



1D5F00



42005F

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.



92236E



1D5F00



0052A9

Square

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



1D5F00



00648D



693D94



943018

Rectangle

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



1D5F00



006554



693D94



9D1851

Sweetspot

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



1D5F00



617A56



5F4100



2E3D27



BDBDBD



3D3D3D

Same Dimension

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



1D5F00



257A00



005F11



2D302C



227000



49F000

Inverse Universe

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



42005F



55007A



5F004E



2F2C30



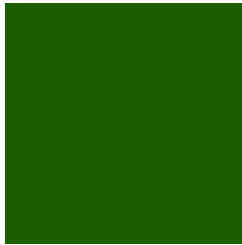
4E0070



A700F0

Previews

White Background



This preview shows how the Hex color 1D5F00 looks on a white background.

Color Contrast Check

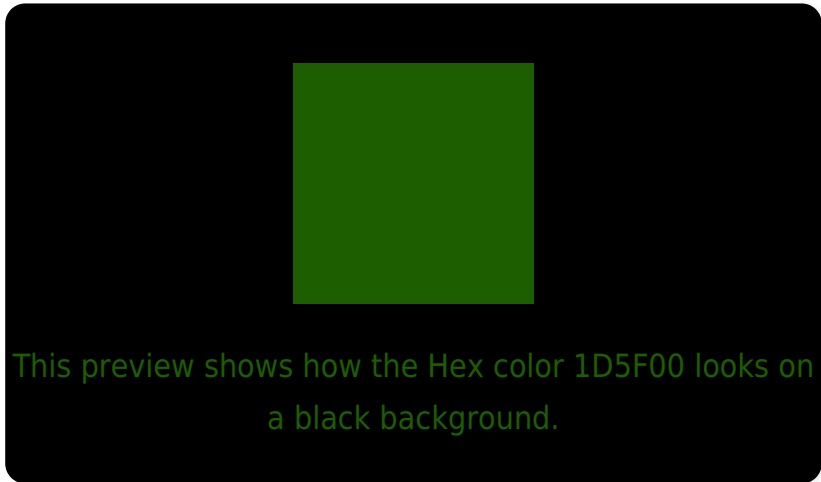
Large Text (above 18pt) WCAG AA ✓ Pass

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

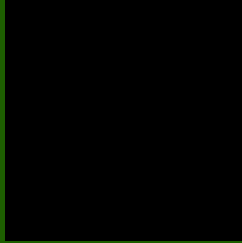
Any Text WCAG AA × Fail

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 1D5F00 Background



This preview shows how black text looks on a background with the Hex color 1D5F00.



This preview shows how white text looks on a background with the Hex color 1D5F00.

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](#).

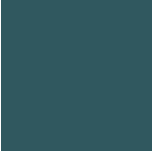
Dichromacy



Original Color
1D5F00

Protanopia
5C5200

Deuteranopia
674E14



Tritanopia
30585F

Trichromacy



Original Color
1D5F00

Protanomaly
455700

Deuteranomaly
4C540D

Tritanomaly
295B3C

Monochromacy



Original Color
1D5F00

Achromatopsia
404040

Achromatomaly
334B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5F00 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 #1D5F00 looks like.

```
.text, #text, p{  
    color:#1D5F00  
}
```

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 #1D5F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5F00
}
```

Border

The CSS property to change the border of an element to Hex 1D5F00 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".

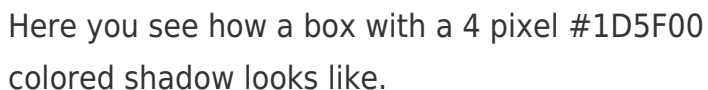
```
.border, #border, table{ border:4px solid
#1D5F00 }
```

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

```
.border{ border-color:#1D5F00 }
```

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

Here you see how a box with a 4 pixel #1D5F00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5F00; -webkit-box-shadow:4px 4px  
4px 4px #1D5F00; box-shadow:4px 4px 4px  
4px #1D5F00 }
```

Background

The CSS property to change the background color of an element to Hex 1D5F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5F00 }
```

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

```
.background{ background-color:#1D5F00 }
```

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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