

Converting Colors

Hex(1D7E00)

Have a look what the booklet for
Hex(1D7E00) contains.

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Color

Hex(1D7E00)

Conversions

Conversions Part 1

Format	Color
Hex	1D7E00
RGB	29, 126, 0
RGB Percent	11%, 49%, 0%
CMY	0.8863, 0.5059, 1.0000
CMYK	0.77, 0.00, 1.00, 0.51
HSL	106°, 100%, 25%
HSV	106°, 100%, 49%
XYZ	7.9675, 15.1829, 2.5107
YIQ	82.6330, -17.3660, -59.7500

Conversions

Conversions Part 2

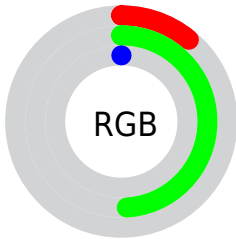
Format	Color
RYB	0, 126, 97
Decimal	1932800
CIELab	45.88, -47.91, 49.77
CIELCh	46, 69.086, 133.911
Yxy	15.1829, 0.3105, 0.5917
Android (android.graphics.Color)	4280122880 (0xFF1D7E00)
YUV	82.6330, -40.7381, -47.0361
Hunter-Lab	38.9653, -31.6898, 23.4554

Details

The Hex color **1D7E00** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **61007E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5CB43F**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **1D7E00**, and if you desaturate by 10%, it is **277E0D**.

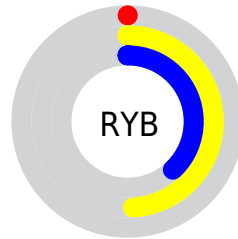
Distribution



Red (11%)

Green (49%)

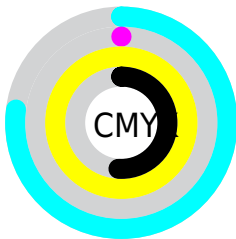
Blue (0%)



Red (0%)

Yellow (49%)

Blue (38%)

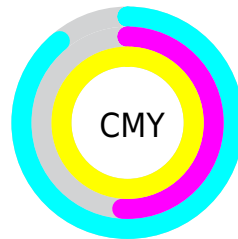


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (89%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7E00 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 1D7E00 by changing the saturation by 10% instead.

 1D7E00

 1D7E00

FFFFFF

 006400

 5CB43F

 004B00

 78D059

 003400

 95EC74

 001D00

 B1FF8F

 000000

 CEFFAA

 ECFFC6

 FFFFE3

 1D7E00

 277E0D

 307E19

 3A7E26

 447E32

 4E7E3F

 577E4C

 617E58

 6B7E65

 747E71

Harmonies

Analogous

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



6B7300



1D7E00



00844A

Triad

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



1D7E00



007CDD



D02155

Complementary

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



1D7E00



61007E

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.



C22B8E



1D7E00



006BDE

Square

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



1D7E00



0084BC



8F4EC1



C1411C

Rectangle

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



1D7E00



008573



8F4EC1



CF1D68

Sweetspot

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



1D7E00



7EA372



7E6100



3B5234



D1D1D1



525252

Same Dimension

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



1D7E00



26A300



007E22



3B4039



1D8000



000000

Inverse Universe

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



61007E



7E00A3



7E005C



3E3940



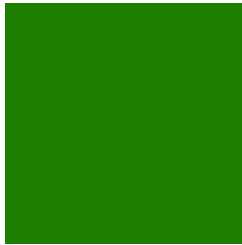
620080



000000

Previews

White Background



This preview shows how the Hex color 1D7E00 looks on a white background.

Color Contrast Check

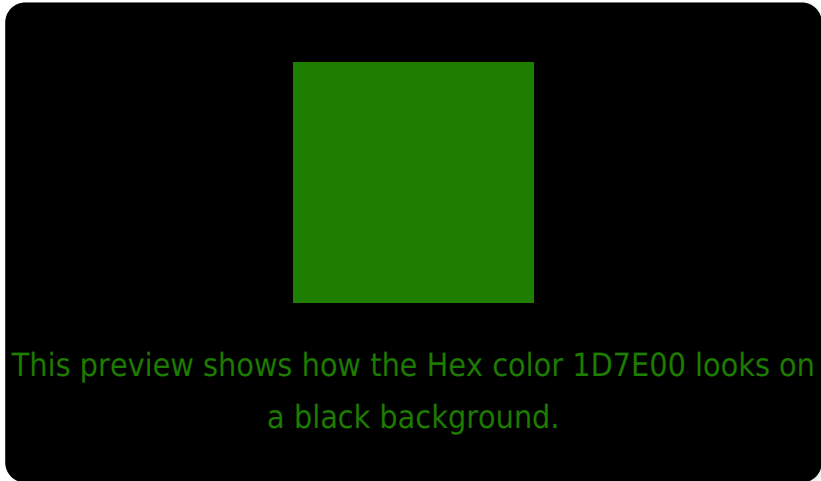
Large Text (above 18pt) WCAG AA ✓ Pass

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

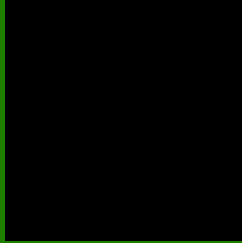
Any Text WCAG AA × Fail

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 1D7E00 Background



This preview shows how black text looks on a background with the Hex color 1D7E00.



This preview shows how white text looks on a background with the Hex color 1D7E00.

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
1D7E00

Protanopia
7A6C00

Deuteranopia
88671B



Tritanopia
3B757F

Trichromacy



Original Color
1D7E00



Protanomaly
587300



Deuteranomaly
616F11



Tritanomaly
307851

Monochromacy



Original Color
1D7E00



Achromatopsia
535353



Achromatomaly
3F6335

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7E00 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 #1D7E00 looks like.

```
.text, #text, p{  
    color:#1D7E00  
}
```

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 #1D7E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7E00
}
```

Border

The CSS property to change the border of an element to Hex 1D7E00 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".

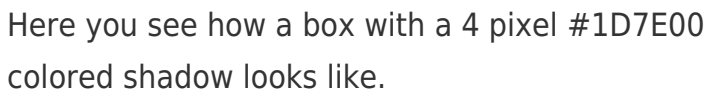
```
.border, #border, table{ border:4px solid
#1D7E00 }
```

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

```
.border{ border-color:#1D7E00 }
```

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

Here you see how a box with a 4 pixel #1D7E00 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, 4px blur, and 4px spread, colored #1D7E00.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7E00; -webkit-box-shadow:4px 4px  
4px 4px #1D7E00; box-shadow:4px 4px 4px  
4px #1D7E00 }
```

Background

The CSS property to change the background color of an element to Hex 1D7E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7E00 }
```

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

```
.background{ background-color:#1D7E00 }
```

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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