

# Converting Colors

Hex(1D7E1D)

Have a look what the booklet for  
Hex(1D7E1D) contains.

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# Color

**Hex(1D7E1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7E1D
RGB	29, 126, 29
RGB Percent	11%, 49%, 11%
CMY	0.8863, 0.5059, 0.8863
CMYK	0.77, 0.00, 0.77, 0.51
HSL	120°, 63%, 30%
HSV	120°, 77%, 49%
XYZ	8.1893, 15.2716, 3.6785
YIQ	85.9390, -26.6750, -50.7310

# Conversions

## Conversions Part 2

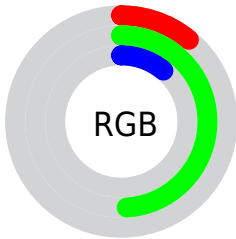
Format	Color
<a href="#">RYB</a>	<a href="#">29, 126, 126</a>
Decimal	<a href="#">1932829</a>
CIELab	<a href="#">46.00, -46.42, 42.25</a>
CIELCh	<a href="#">46, 62.768, 137.694</a>
Yxy	<a href="#">15.2716, 0.3017, 0.5627</a>
Android (android.graphics.Color)	<a href="#">4280122909 (0xFF1D7E1D)</a>
YUV	<a href="#">85.9390, -28.0709, -49.9355</a>
Hunter-Lab	<a href="#">39.0789, -30.9819, 21.7743</a>

# Details

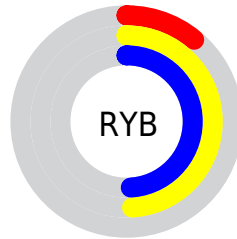
The Hex color **1D7E1D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E1D7E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5BB450**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **107E10**, and if you desaturate by 10%, it is **2A7E2A**.

# Distribution



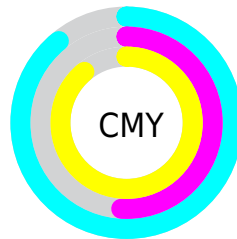
- Red (11%)
- Green (49%)
- Blue (11%)



- Red (11%)
- Yellow (49%)
- Blue (49%)



- Cyan (77%)
- Magenta (0%)
- Yellow (77%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7E1D 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 1D7E1D by changing the saturation by 10% instead.



 1D7E1D

 1D7E1D

FFFFFF

 006400

 5BB450

 004B00

 77D06A

 003400

 93EC84

 001D00

 AFFF9F

 000000

 CCFFBA

 EAFFD6

 FFFFF3

 1D7E1D

 1D7E1D

■ 107E10

■ 2A7E2A

■ 047E04

■ 367E36

■ 007E00

■ 437E43

■ 4F7E4F

■ 5C7E5C

■ 697E69

■ 757E75

■ 827E82

■ 8E7E8E

# Harmonies

## Analogous

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



677400



1D7E1D



008355

# Triad

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



1D7E1D



0079D4



C93350

# Complementary

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



1D7E1D



7E1D7E

# 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.



BF3485



1D7E1D



3068D2

# Square

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



1D7E1D



0082BA



954FB5



B84A1E

# Rectangle

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



1D7E1D



00847A



954FB5



C92F62



# Sweetspot

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



1D7E1D



7EA37E



7E7E1D



3B523B



D1D1D1



525252



# Same Dimension

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



1D7E1D



0DA30D



1D7E4E



394039



008000



000000



# Inverse Universe

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



7E1D7E



A30DA3



7E1D4E



403940



800080

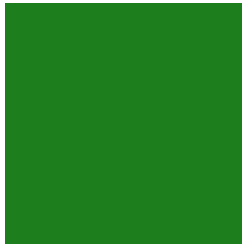


000000



# Previews

## White Background



This preview shows how the Hex color 1D7E1D looks on a white background.

## Color Contrast Check

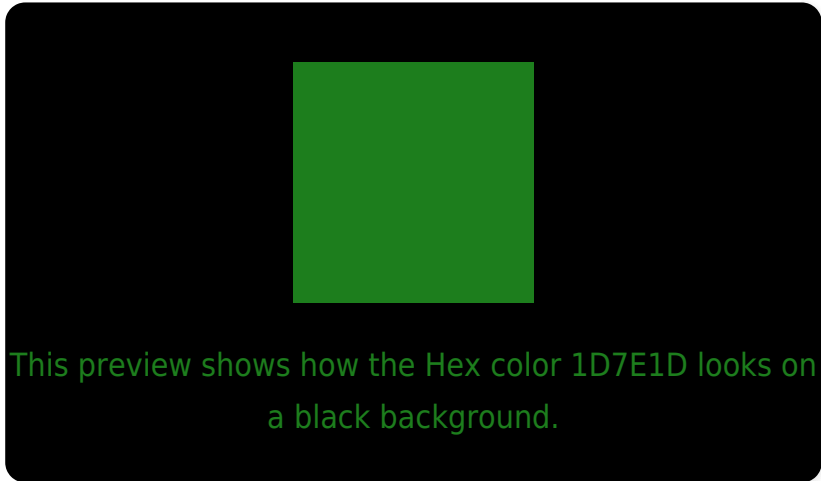
Large Text (above 18pt) WCAG AA ✓ Pass

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

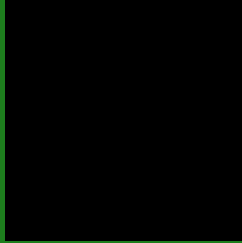
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D7E1D Background



This preview shows how black text looks on a background with the Hex color 1D7E1D.



This preview shows how white text looks on a background with the Hex color 1D7E1D.

# 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**  
1D7E1D

**Protanopia**  
7A6D19

**Deuteranopia**  
876727



**Tritanopia**  
3A757F

# Trichromacy



**Original Color**  
1D7E1D



**Protanomaly**  
58731A



**Deuteranomaly**  
606F23



**Tritanomaly**  
2F785B

# Monochromacy



**Original Color**  
1D7E1D



**Achromatopsia**  
565656



**Achromatomaly**  
416541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7E1D 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 #1D7E1D looks like.

```
.text, #text, p{  
    color:#1D7E1D  
}
```

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 #1D7E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7E1D
}
```

## Border

The CSS property to change the border of an element to Hex 1D7E1D 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
#1D7E1D }
```

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

```
.border{ border-color:#1D7E1D }
```

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

Here you see how a box with a 4 pixel #1D7E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7E1D; -webkit-box-shadow:4px 4px  
4px 4px #1D7E1D; box-shadow:4px 4px 4px  
4px #1D7E1D }
```

# Background

The CSS property to change the background color of an element to Hex 1D7E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7E1D }
```

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

```
.background{ background-color:#1D7E1D }
```

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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