

# Converting Colors

Hex(1D6E0B)

Have a look what the booklet for  
Hex(1D6E0B) contains.

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# Color

**Hex(1D6E0B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 1D6E0B                      |
| RGB           | 29, 110, 11                 |
| RGB Percent   | 11%, 43%, 4%                |
| CMY           | 0.8863, 0.5686, 0.9569      |
| CMYK          | 0.74, 0.00, 0.90, 0.57      |
| HSL           | 109°, 82%, 24%              |
| HSV           | 109°, 90%, 43%              |
| XYZ           | 6.1430, 11.4372, 2.2004     |
| YIQ           | 74.4950, -16.4970, -47.9610 |

# Conversions

## Conversions Part 2

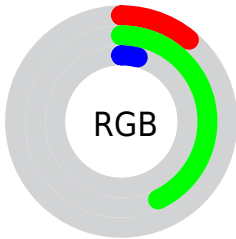
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 11, 110, 92                    |
| Decimal                             | 1928715                        |
| CIELab                              | 40.31, -42.05, 42.60           |
| CIELCh                              | 40, 59.860, 134.624            |
| Yxy                                 | 11.4372, 0.3106,<br>0.5782     |
| Android<br>(android.graphics.Color) | 4280118795<br>(0xFF1D6E0B)     |
| YUV                                 | 74.4950, -31.3030,<br>-39.8991 |
| Hunter-Lab                          | 33.8190, -26.7597,<br>19.8156  |

# Details

The Hex color **1D6E0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5C0B6E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **57A341**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **146E00**, and if you desaturate by 10%, it is **266E16**.

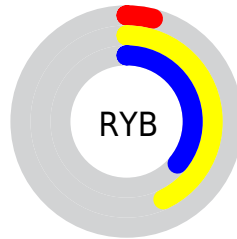
# Distribution



Red (11%)

Green (43%)

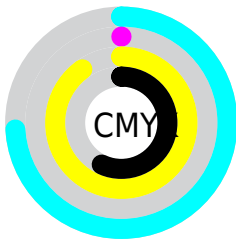
Blue (4%)



Red (4%)

Yellow (43%)

Blue (36%)

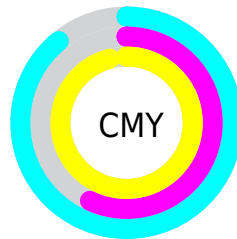


Cyan (74%)

Magenta (0%)

Yellow (90%)

Black (57%)



Cyan (89%)

Magenta (57%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D6E0B 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 1D6E0B by changing the saturation by 10% instead.





1D6E0B



1D6E0B

FFFFFF



005500



57A341



003D00



73BE5B



002800



8EDA74



000200



AAF78F



000000



C7FFAA



E4FFC6



FFFFE2



1D6E0B



1D6E0B

■ 146E00

■ 266E16

■ 2F6E21

■ 386E2C

■ 416E37

■ 4A6E42

■ 536E4D

■ 5C6E58

■ 656E63

■ 6E6E6E

# Harmonies

## Analogous

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



5D6400



1D6E0B



007343

# Triad

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



1D6E0B



006CBE



B42449

# Complementary

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



1D6E0B



5C0B6E

# 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.



A92A7A



1D6E0B



005DBF

# Square

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



1D6E0B



0073A3



7E45A5



A73B1A

# Rectangle

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



1D6E0B



007466



7E45A5



B3215A



# Sweetspot

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



1D6E0B



6F8F68



6E5C0B



354731



C7C7C7



474747



# Same Dimension

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



1D6E0B



1A8F00



0B6E2A



343832



167800



2DF700



# Inverse Universe

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



5C0B6E



75008F



6E0B4F



373238



620078

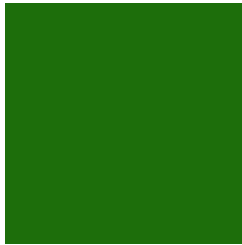


CA00F7



# Previews

## White Background



This preview shows how the Hex color 1D6E0B looks on a white background.

## Color Contrast Check

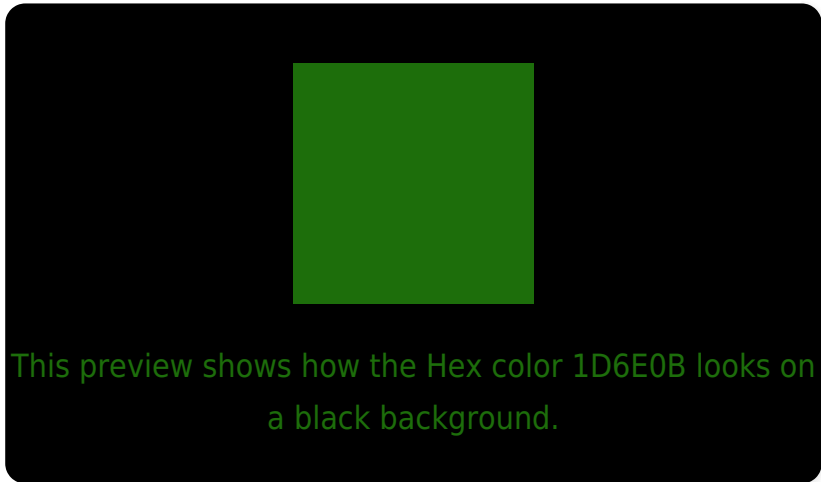
Large Text (above 18pt) WCAG AA ✓ Pass

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

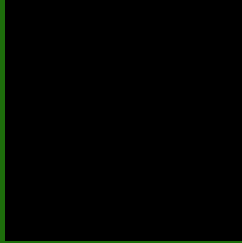
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D6E0B Background



This preview shows how black text looks on a background with the Hex color 1D6E0B.



This preview shows how white text looks on a background with the Hex color 1D6E0B.

# 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**  
1D6E0B

**Protanopia**  
6B5F02

**Deuteranopia**  
775A1A



**Tritanopia**  
35666F

# Trichromacy



**Original Color**  
1D6E0B

**Protanomaly**  
4F6405

**Deuteranomaly**  
566115

**Tritanomaly**  
2C694B

# Monochromacy



**Original Color**  
1D6E0B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
3A5733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D6E0B 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 #1D6E0B looks like.

```
.text, #text, p{  
    color:#1D6E0B  
}
```

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 #1D6E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6E0B
}
```

## Border

The CSS property to change the border of an element to Hex 1D6E0B 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
#1D6E0B }
```

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

```
.border{ border-color:#1D6E0B }
```

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

Here you see how a box with a 4 pixel #1D6E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6E0B; -webkit-box-shadow:4px 4px  
4px 4px #1D6E0B; box-shadow:4px 4px 4px  
4px #1D6E0B }
```

# Background

The CSS property to change the background color of an element to Hex 1D6E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6E0B }
```

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

```
.background{ background-color:#1D6E0B }
```

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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