

# Converting Colors

Hex(1D7605)

Have a look what the booklet for  
Hex(1D7605) contains.

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**Color**

**Hex(1D7605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D7605
RGB	29, 118, 5
RGB Percent	11%, 46%, 2%
CMY	0.8863, 0.5373, 0.9804
CMYK	0.75, 0.00, 0.96, 0.54
HSL	107°, 92%, 24%
HSV	107°, 96%, 46%
XYZ	7.0125, 13.2290, 2.3274
YIQ	78.5070, -16.7710, -54.0110

# Conversions

## Conversions Part 2

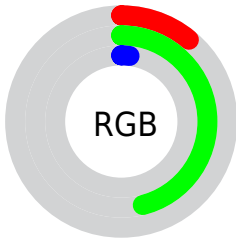
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 118, 94
Decimal	1930757
CIELab	43.11, -45.06, 46.40
CIELCh	43, 64.681, 134.160
Yxy	13.2290, 0.3107, 0.5862
Android (android.graphics.Color)	4280120837 (0xFF1D7605)
YUV	78.5070, -36.2390, -43.4176
Hunter-Lab	36.3717, -29.2355, 21.6662

# Details

The Hex color **1D7605** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5E0576**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5AAB40**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **197600**, and if you desaturate by 10%, it is **267611**.

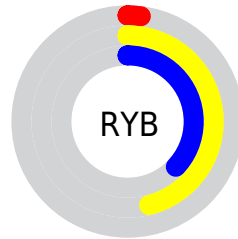
# Distribution



Red (11%)

Green (46%)

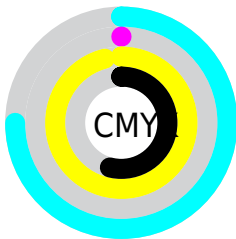
Blue (2%)



Red (2%)

Yellow (46%)

Blue (37%)

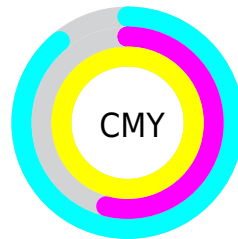


Cyan (75%)

Magenta (0%)

Yellow (96%)

Black (54%)



Cyan (89%)

Magenta (54%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7605 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 1D7605 by changing the saturation by 10% instead.



 1D7605

 1D7605

FFFFFF

 005D00

 5AAB40

 004400

 76C75A

 002E00

 92E374

 001300

 AEFF8E

 000000

 CBFFAA

 E8FFC6

 FFFFE2

 1D7605

 1D7605

■ 197600

■ 267611

■ 30761D

■ 397628

■ 427634

■ 4B7640

■ 55764C

■ 5E7658

■ 677663

■ 71766F

# Harmonies

## Analogous

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



646B00



1D7605



007B46

# Triad

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



1D7605



0074CE



C2224F

# Complementary

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



1D7605



5E0576

# 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.



B62A84



1D7605



0064CF

# Square

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



1D7605



007BB0



864AB4



B43E1B

# Rectangle

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



1D7605



007D6C



864AB4



C11F61



# Sweetspot

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



1D7605



76996D



765E05



374D32



CCCCCC



4D4D4D



# Same Dimension

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



1D7605



209900



057625



363B35



1A7A00



35FA00



# Inverse Universe

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



5E0576



790099



760556



39353B



60007A

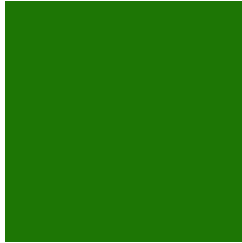


C500FA



# Previews

## White Background



This preview shows how the Hex color 1D7605 looks on a white background.

## Color Contrast Check

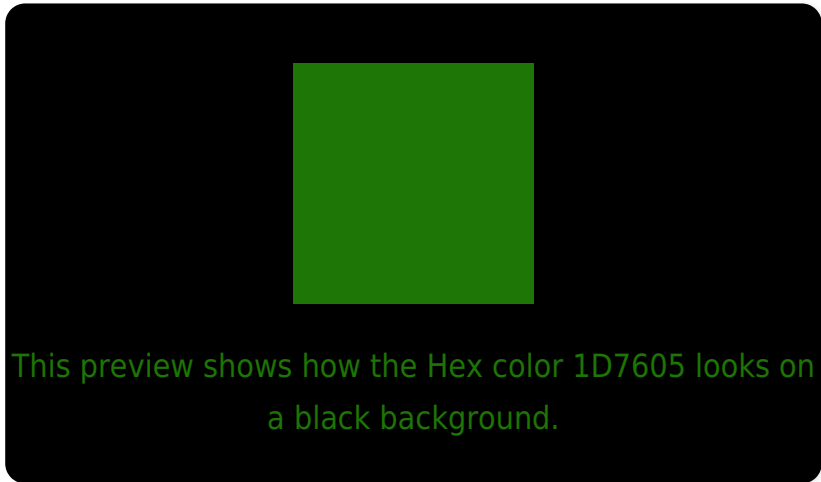
Large Text (above 18pt) WCAG AA ✓ Pass

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

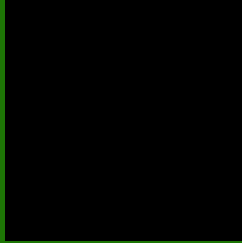
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D7605 Background



This preview shows how black text looks on a background with the Hex color 1D7605.



This preview shows how white text looks on a background with the Hex color 1D7605.

# 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**  
1D7605

**Protanopia**  
726600

**Deuteranopia**  
7F601A



**Tritanopia**  
386E77

# Trichromacy



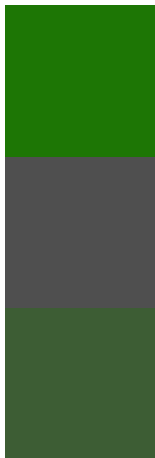
**Original Color**  
1D7605

**Protanomaly**  
536C02

**Deuteranomaly**  
5B6812

**Tritanomaly**  
2E714E

# Monochromacy



**Original Color**  
1D7605

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
3D5D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7605 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 #1D7605 looks like.

```
.text, #text, p{  
    color:#1D7605  
}
```

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 #1D7605 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7605
}
```

## Border

The CSS property to change the border of an element to Hex 1D7605 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".

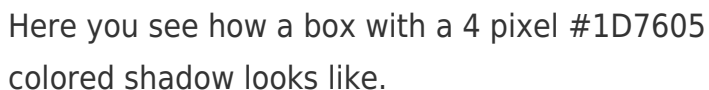
```
.border, #border, table{ border:4px solid
#1D7605 }
```

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

```
.border{ border-color:#1D7605 }
```

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

Here you see how a box with a 4 pixel #1D7605 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7605; -webkit-box-shadow:4px 4px  
4px 4px #1D7605; box-shadow:4px 4px 4px  
4px #1D7605 }
```

# Background

The CSS property to change the background color of an element to Hex 1D7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7605 }
```

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

```
.background{ background-color:#1D7605 }
```

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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