

# Converting Colors

Hex(1D7137)

Have a look what the booklet for  
Hex(1D7137) contains.

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# Color

**Hex(1D7137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7137
RGB	29, 113, 55
RGB Percent	11%, 44%, 22%
CMY	0.8863, 0.5569, 0.7843
CMYK	0.74, 0.00, 0.51, 0.56
HSL	139°, 59%, 28%
HSV	139°, 74%, 44%
XYZ	7.1014, 12.3473, 5.6234
YIQ	81.2720, -31.4460, -35.8460

# Conversions

## Conversions Part 2

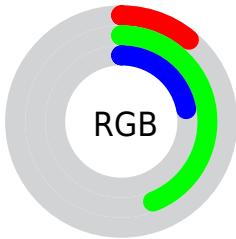
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 93, 113
Decimal	1929527
CIE <sub>Lab</sub>	41.76, -38.39, 25.11
CIE <sub>LCh</sub>	42, 45.871, 146.810
Yxy	12.3473, 0.2832, 0.4925
Android (android.graphics.Color)	4280119607 (0xFF1D7137)
YUV	81.2720, -12.9521, -45.8425
Hunter-Lab	35.1387, -25.4186, 15.1087

# Details

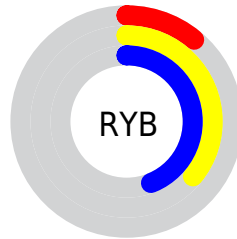
The Hex color **1D7137** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **711D57**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **56A667**, and **00400A** is the 20% darker color. If you saturate the color by 10%, you get **12712F**, and if you desaturate by 10%, it is **28713F**.

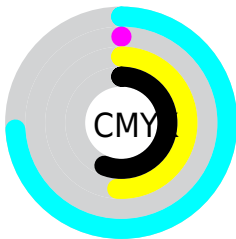
# Distribution



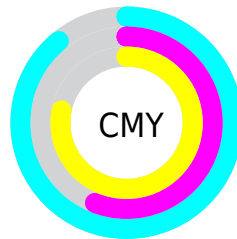
- Red (11%)
- Green (44%)
- Blue (22%)



- Red (11%)
- Yellow (36%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (51%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7137 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 1D7137 by changing the saturation by 10% instead.



 1D7137

 1D7137

FFFFFF

 005820

 56A667

 00400A

 71C180

 002A00

 8CDD9B

 000C00

 A8FAB6

 000000

 C4FFD1

 E1FFEE

 1D7137

 1D7137

 12712F

 28713F

067127

347147

007123

3F714E

4A7156

56715E

617166

6C716E

777175

83717D

# Harmonies

## Analogous

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



546A18



1D7137



00745D

# Triad

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



1D7137



0068AE



A54243

# Complementary

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



1D7137



711D57

# 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.



A43E68



1D7137



5B5AA6

# Square

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



1D7137



0071A1



8C4A8C



955023

# Rectangle

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



1D7137



007477



8C4A8C



A73F4F



# Sweetspot

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



1D7137



73947D



58711D



374A3D



C9C9C9



4A4A4A



# Same Dimension

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



1D7137



109439



1D7160



323834



007825



00F74D



# Inverse Universe

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



711D57



94106B



711D2E



383236



780053



F700AB



# Previews

## White Background



This preview shows how the Hex color 1D7137 looks on a white background.

### Color Contrast Check

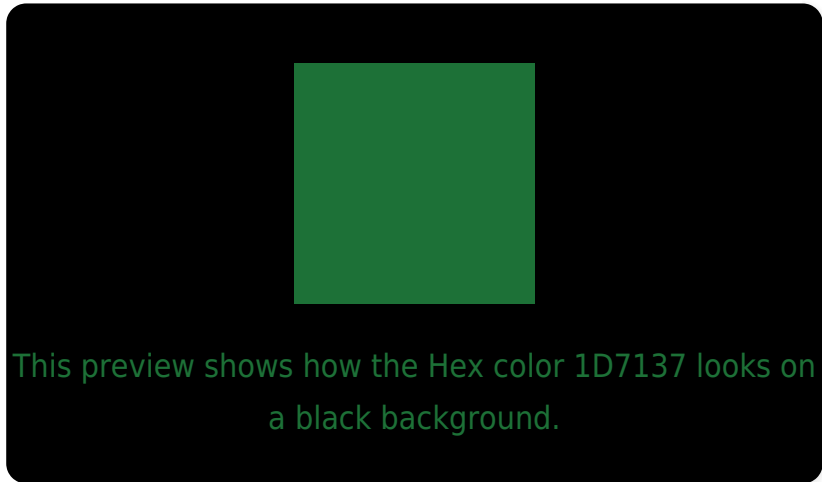
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D7137 Background



This preview shows how black text looks on a background with the Hex color 1D7137.



This preview shows how white text looks on a background with the Hex color 1D7137.

# 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**  
1D7137

**Protanopia**  
6C6232

**Deuteranopia**  
775E3C



**Tritanopia**  
336A73

# Trichromacy



**Original Color**  
1D7137



**Protanomaly**  
4F6734



**Deuteranomaly**  
56653A



**Tritanomaly**  
2B6D5D

# Monochromacy



**Original Color**  
1D7137



**Achromatopsia**  
515151



**Achromatomaly**  
3E5D48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7137 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 #1D7137 looks like.

```
.text, #text, p{  
    color:#1D7137  
}
```

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 #1D7137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7137
}
```

## Border

The CSS property to change the border of an element to Hex 1D7137 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
#1D7137 }
```

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

```
.border{ border-color:#1D7137 }
```

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

Here you see how a box with a 4 pixel #1D7137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7137; -webkit-box-shadow:4px 4px  
4px 4px #1D7137; box-shadow:4px 4px 4px  
4px #1D7137 }
```

# Background

The CSS property to change the background color of an element to Hex 1D7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7137 }
```

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

```
.background{ background-color:#1D7137 }
```

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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