

Converting Colors

Hex(1C7B36)

Have a look what the booklet for
Hex(1C7B36) contains.

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Color

Hex(1C7B36)

Conversions

Conversions Part 1

Format	Color
Hex	1C7B36
RGB	28, 123, 54
RGB Percent	11%, 48%, 21%
CMY	0.8902, 0.5176, 0.7882
CMYK	0.77, 0.00, 0.56, 0.52
HSL	136°, 63%, 30%
HSV	136°, 77%, 48%
XYZ	8.2277, 14.6791, 5.8897
YIQ	86.7290, -34.4710, -41.5990

Conversions

Conversions Part 2

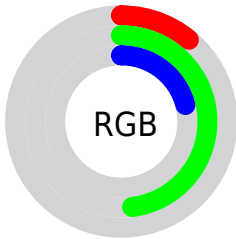
Format	Color
R_{YB}	28, 103, 123
Decimal	1866550
CIE _{Lab}	45.19, -42.57, 29.86
CIE _{LCh}	45, 52.005, 144.952
Yxy	14.6791, 0.2857, 0.5098
Android (android.graphics.Color)	4280056630 (0xFF1C7B36)
YUV	86.7290, -16.1354, -51.5053
Hunter-Lab	38.3134, -28.7159, 17.7050




Details

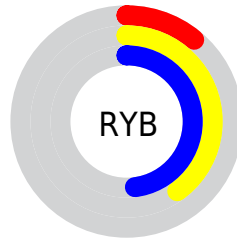
The Hex color **1C7B36** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7B1C61**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **58B067**, and **004906** is the 20% darker color. If you saturate the color by 10%, you get **107B2D**, and if you desaturate by 10%, it is **287B3F**.

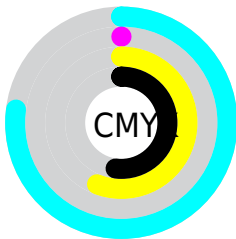
Distribution







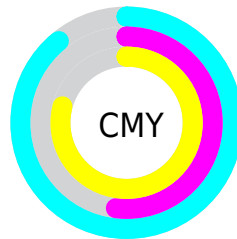
-  Red (11%)
-  Green (48%)
-  Blue (21%)






-  Red (11%)
-  Yellow (40%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (56%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (52%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7B36 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 1C7B36 by changing the saturation by 10% instead.

 1C7B36

 1C7B36

FFFFFF

 00611F

 58B067

 004906

 74CC80

 003100

 90E99A

 001B00

 ACFFB6

 000000

 C8FFD1

 E5FFEE

 1C7B36

 1C7B36

 107B2D

 287B3F

 037B24

 357B48

 007B22

 417B51

 4D7B5A

 5A7B63

 667B6C

 727B75

 7E7B7D

 8B7B86

Harmonies

Analogous

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



5D730F



1C7B36



007F62

Triad

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



1C7B36



0072C2



B74449

Complementary

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



1C7B36



7B1C61

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.



B44074



1C7B36



5C63BA

Square

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



1C7B36



007BB2



984F9D



A65523

Rectangle

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



1C7B36



007F80



984F9D



B94057

Sweetspot

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



1C7B36



7CA186



627B1C



3B5241



D1D1D1



525252

Same Dimension

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



1C7B36



0BA134



1C7B65



373D39



007D22



00FC45

Inverse Universe

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



7B1C61



A10B78



7B1C32



3D373C



7D005B



FC00B7

Previews

White Background



This preview shows how the Hex color 1C7B36 looks on a white background.

Color Contrast Check

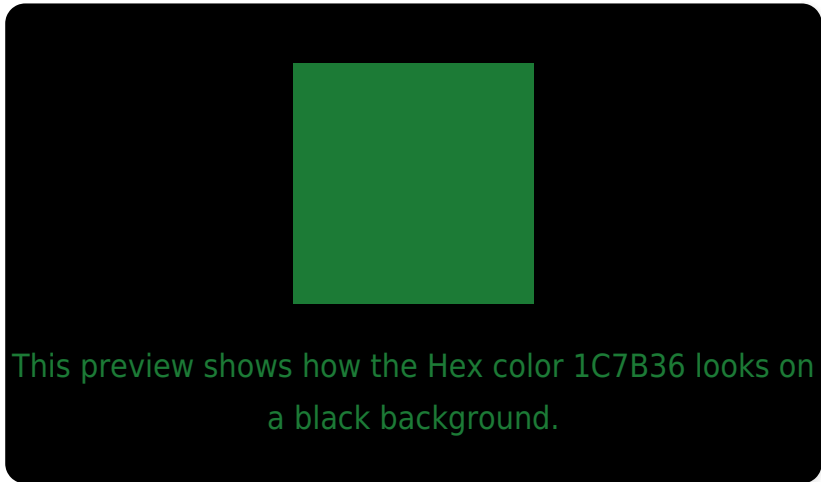
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C7B36 Background



This preview shows how black text looks on a background with the Hex color 1C7B36.



This preview shows how white text looks on a background with the Hex color 1C7B36.

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
1C7B36

Protanopia
766B31

Deuteranopia
82653C

Trichromacy



Original Color
1C7B36



Protanomaly
557133



Deuteranomaly
5D6D3A

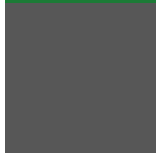


Tritanomaly
2D7763

Monochromacy



Original Color
1C7B36



Achromatopsia
575757



Achromatomaly
42644B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7B36 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 #1C7B36 looks like.

```
.text, #text, p{  
    color:#1C7B36  
}
```

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 #1C7B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7B36
}
```

Border

The CSS property to change the border of an element to Hex 1C7B36 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
#1C7B36 }
```

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

```
.border{ border-color:#1C7B36 }
```

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

Here you see how a box with a 4 pixel #1C7B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7B36; -webkit-box-shadow:4px 4px  
4px 4px #1C7B36; box-shadow:4px 4px 4px  
4px #1C7B36 }
```

Background

The CSS property to change the background color of an element to Hex 1C7B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7B36 }
```

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

```
.background{ background-color:#1C7B36 }
```

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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