

# Converting Colors

Hex(1C753B)

Have a look what the booklet for  
Hex(1C753B) contains.

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# Color

**Hex(1C753B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C753B
RGB	28, 117, 59
RGB Percent	11%, 46%, 23%
CMY	0.8902, 0.5412, 0.7686
CMYK	0.76, 0.00, 0.50, 0.54
HSL	141°, 61%, 28%
HSV	141°, 76%, 46%
XYZ	7.6296, 13.2852, 6.2999
YIQ	83.7770, -34.4260, -36.9060

# Conversions

## Conversions Part 2

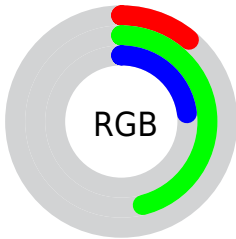
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 94, 117
Decimal	1865019
CIE <sub>Lab</sub>	43.19, -39.44, 24.70
CIE <sub>LCh</sub>	43, 46.536, 147.947
Yxy	13.2852, 0.2803, 0.4882
Android (android.graphics.Color)	4280055099 (0xFF1C753B)
YUV	83.7770, -12.2151, -48.9164
Hunter-Lab	36.4489, -26.4214, 15.2665

# Details

The Hex color **1C753B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **751C56**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56AA6B**, and **00430E** is the 20% darker color. If you saturate the color by 10%, you get **107533**, and if you desaturate by 10%, it is **287543**.

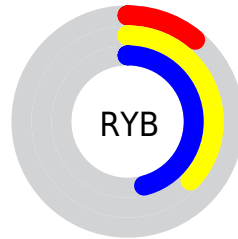
# Distribution



Red (11%)

Green (46%)

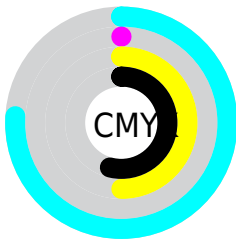
Blue (23%)



Red (11%)

Yellow (37%)

Blue (46%)

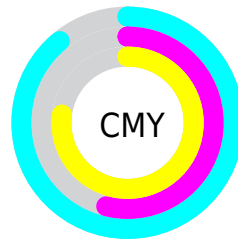


Cyan (76%)

Magenta (0%)

Yellow (50%)

Black (54%)



Cyan (89%)

Magenta (54%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C753B 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 1C753B by changing the saturation by 10% instead.



 1C753B

 1C753B

FFFFFF

 005C24

 56AA6B

 00430E

 72C685

 002D00

 8DE29F

 001300

 A9FFBA

 000000

 C5FFD6

 E2FFF3

 1C753B

 1C753B

 107533

 287543

■ 05752C

■ 33754A

■ 007529

■ 3F7552

■ 4B7559

■ 577561

■ 627569

■ 6E7570

■ 7A7578

■ 857580

# Harmonies

## Analogous

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



566E1B



1C753B



007862

# Triad

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



1C753B



006BB3



AA4644

# Complementary

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



1C753B



751C56

# 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.



A9416A



1C753B



615DAA

# Square

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



1C753B



0074A7



924C8F



995424

# Rectangle

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



1C753B



00787D



924C8F



AC4251



# Sweetspot

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



1C753B



769982



57751C



374D3F



CCCCCC



4D4D4D



# Same Dimension

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



1C753B



0E993E



1C7566



353B37



007A2B



00FA57



# Inverse Universe

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



751C56



990E69



751C2B



3B3539



7A0050



FA00A3



# Previews

## White Background



This preview shows how the Hex color 1C753B looks on a white background.

## Color Contrast Check

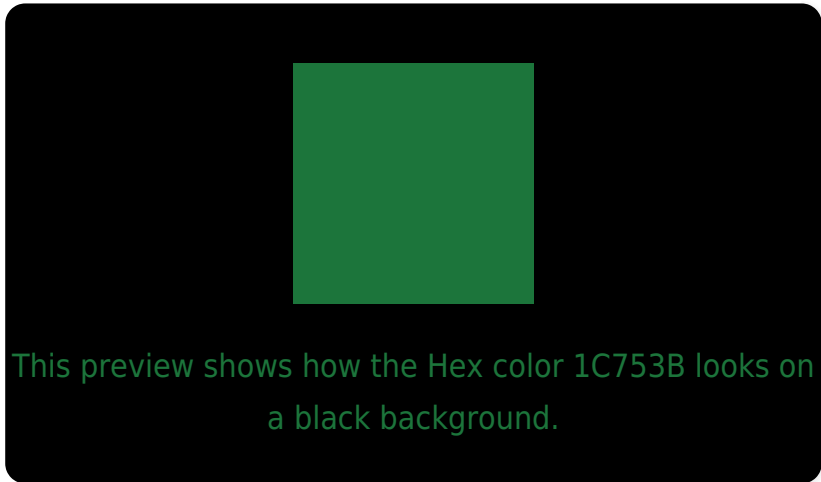
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C753B Background



This preview shows how black text looks on a background with the Hex color 1C753B.



This preview shows how white text looks on a background with the Hex color 1C753B.

# 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**  
1C753B

**Protanopia**  
706636

**Deuteranopia**  
7A6140



**Tritanopia**  
336E77

# Trichromacy



**Original Color**  
1C753B

**Protanomaly**  
516B38

**Deuteranomaly**  
58683E

**Tritanomaly**  
2B7161

# Monochromacy



**Original Color**  
1C753B

**Achromatopsia**  
545454

**Achromatomaly**  
40604B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C753B 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 #1C753B looks like.

```
.text, #text, p{  
    color:#1C753B  
}
```

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 #1C753B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C753B
}
```

## Border

The CSS property to change the border of an element to Hex 1C753B 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
#1C753B }
```

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

```
.border{ border-color:#1C753B }
```

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

Here you see how a box with a 4 pixel #1C753B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C753B; -webkit-box-shadow:4px 4px  
4px 4px #1C753B; box-shadow:4px 4px 4px  
4px #1C753B }
```

# Background

The CSS property to change the background color of an element to Hex 1C753B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C753B }
```

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

```
.background{ background-color:#1C753B }
```

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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