

Converting Colors

Hex(1C793D)

Have a look what the booklet for
Hex(1C793D) contains.

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Color

Hex(1C793D)

Conversions

Conversions Part 1

Format	Color
Hex	1C793D
RGB	28, 121, 61
RGB Percent	11%, 47%, 24%
CMY	0.8902, 0.5255, 0.7608
CMYK	0.77, 0.00, 0.50, 0.53
HSL	141°, 62%, 29%
HSV	141°, 77%, 47%
XYZ	8.1586, 14.2585, 6.7371
YIQ	86.3530, -36.1680, -38.3760

Conversions

Conversions Part 2

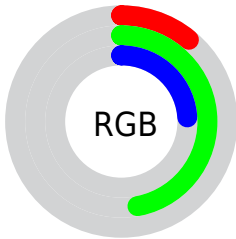
Format	Color
R_{YB}	28, 97, 121
Decimal	1866045
CIE _{Lab}	44.60, -40.65, 25.38
CIE _{LCh}	45, 47.925, 148.022
Yxy	14.2585, 0.2798, 0.4891
Android (android.graphics.Color)	4280056125 (0xFF1C793D)
YUV	86.3530, -12.4990, -51.1756
Hunter-Lab	37.7605, -27.5140, 15.8541

Details

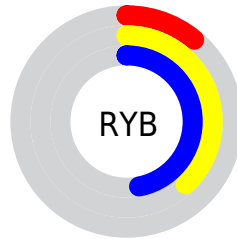
The Hex color **1C793D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **791C58**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57AE6E**, and **004710** is the 20% darker color. If you saturate the color by 10%, you get **107935**, and if you desaturate by 10%, it is **287945**.

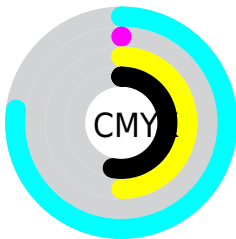
Distribution



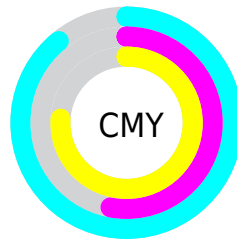
- Red (11%)
- Green (47%)
- Blue (24%)



- Red (11%)
- Yellow (38%)
- Blue (47%)



- Cyan (77%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C793D 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 1C793D by changing the saturation by 10% instead.

 1C793D

 1C793D

FFFFFF

 006026

 57AE6E

 004710

 73CA87

 003000

 8EE6A2

 001900

 AAFFBD

 000000

 C7FFD9

 E4FFF5

 1C793D

 1C793D

 107935

 287945

■ 04792D

■ 34794D

■ 00792B

■ 407954

■ 4C795C

■ 587964

■ 65796C

■ 717974

■ 7D797B

■ 897983

Harmonies

Analogous

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



59721B



1C793D



007C65

Triad

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



1C793D



006FB9



B04846

Complementary

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



1C793D



791C58

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.



AF436E



1C793D



6560B0

Square

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



1C793D



0078AD



974E94



9E5725

Rectangle

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



1C793D



007C81



974E94



B24553

Sweetspot

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



1C793D



7A9E87



58791C



394F41



CFCFCF



4F4F4F

Same Dimension

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



1C793D



0D9E40



1C796B



373D39



007D2C



00FC5A

Inverse Universe

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



791C58



9E0D6A



791C2A



3D373B



7D0051



FC00A3

Previews

White Background



This preview shows how the Hex color 1C793D looks on a white background.

Color Contrast Check

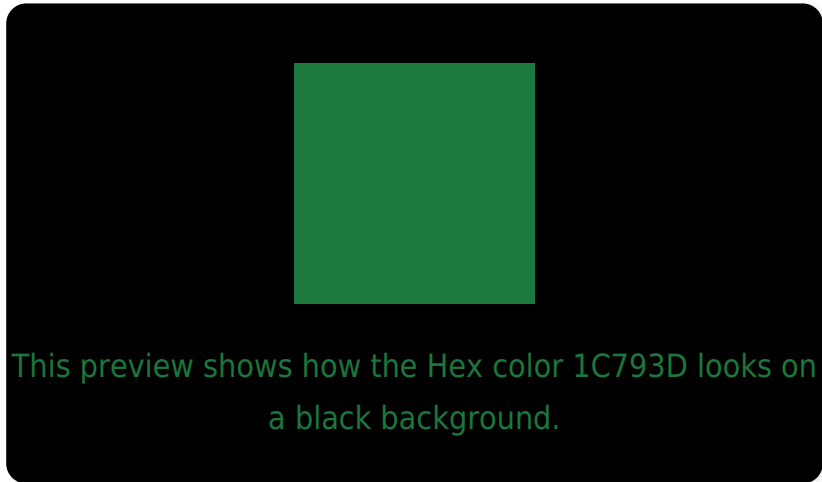
Large Text (above 18pt) WCAG AA ✓ Pass

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

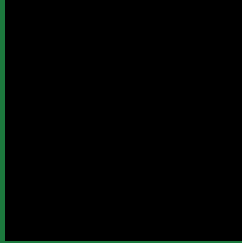
Any Text WCAG AA × Fail

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 1C793D Background



This preview shows how black text looks on a background with the Hex color 1C793D.



This preview shows how white text looks on a background with the Hex color 1C793D.

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
1C793D

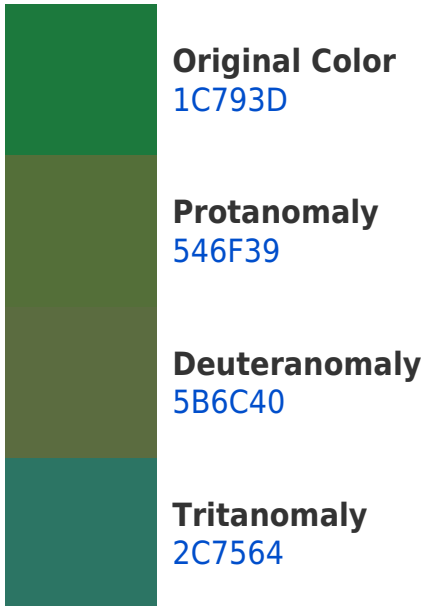
Protanopia
746937

Deuteranopia
7F6442

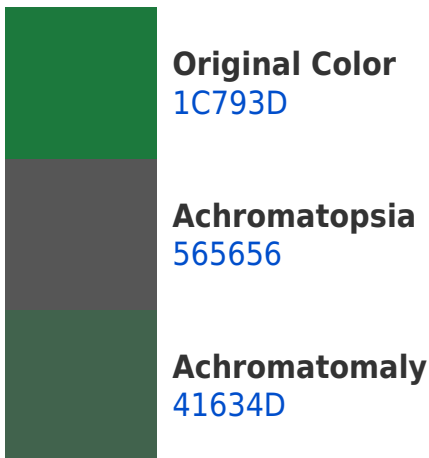


Tritanopia
35727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C793D 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 #1C793D looks like.

```
.text, #text, p{  
    color:#1C793D  
}
```

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 #1C793D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C793D
}
```

Border

The CSS property to change the border of an element to Hex 1C793D 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
#1C793D }
```

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

```
.border{ border-color:#1C793D }
```

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

Here you see how a box with a 4 pixel #1C793D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C793D; -webkit-box-shadow:4px 4px  
4px 4px #1C793D; box-shadow:4px 4px 4px  
4px #1C793D }
```

Background

The CSS property to change the background color of an element to Hex 1C793D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C793D }
```

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

```
.background{ background-color:#1C793D }
```

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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