

Converting Colors

Hex(1C633B)

Have a look what the booklet for
Hex(1C633B) contains.

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Color

Hex(1C633B)

Conversions

Conversions Part 1

Format	Color
Hex	1C633B
RGB	28, 99, 59
RGB Percent	11%, 39%, 23%
CMY	0.8902, 0.6118, 0.7686
CMYK	0.72, 0.00, 0.40, 0.61
HSL	146°, 56%, 25%
HSV	146°, 72%, 39%
XYZ	5.7301, 9.4863, 5.6667
YIQ	73.2110, -29.4760, -27.4920

Conversions

Conversions Part 2

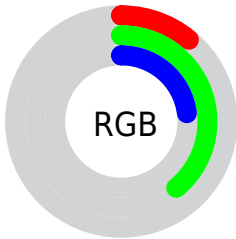
Format	Color
R_{YB}	28, 77, 99
Decimal	1860411
CIE _{Lab}	36.90, -31.98, 16.54
CIE _{LCh}	37, 36.005, 152.648
Yxy	9.4863, 0.2744, 0.4543
Android (android.graphics.Color)	4280050491 (0xFF1C633B)
YUV	73.2110, -7.0060, -39.6500
Hunter-Lab	30.7999, -20.6908, 10.6515

Details

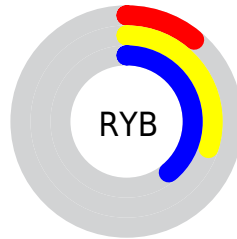
The Hex color **1C633B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **631C44**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **52976B**, and **003310** is the 20% darker color. If you saturate the color by 10%, you get **126335**, and if you desaturate by 10%, it is **266341**.

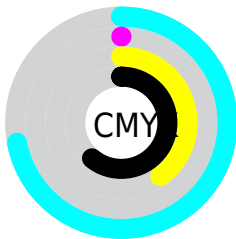
Distribution



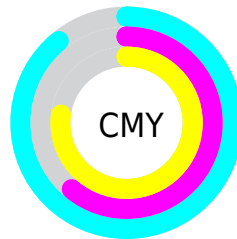
- Red (11%)
- Green (39%)
- Blue (23%)



- Red (11%)
- Yellow (30%)
- Blue (39%)



- Cyan (72%)
- Magenta (0%)
- Yellow (40%)
- Black (61%)



- Cyan (89%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C633B 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 1C633B by changing the saturation by 10% instead.



1C633B



1C633B

FFFFFF



004B25



52976B



003310



6CB184



002000



87CD9E



000000



A2EAB9



BEFFD5



DBFFF1



F8FFFF



1C633B



1C633B

■ 126335

■ 266341

■ 086330

■ 306346

■ 00632B

■ 3A634C

■ 446351

■ 4E6357

■ 57635C

■ 616362

■ 6B6368

■ 75636D

Harmonies

Analogous

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



475E23



1C633B



006559

Triad

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



1C633B



1E5991



8A4139

Complementary

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



1C633B



631C44

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.



8B3D55



1C633B



5B4E88

Square

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



1C633B



00618A



7C4372



7C4C23

Rectangle

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



1C633B



00656C



7C4372



8C3F42

Sweetspot

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



1C633B



638070



44631C



2F4036



BFBFBF



404040

Same Dimension

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



1C633B



128042



1C635E



2C302E



007031



00F069

Inverse Universe

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



631C44



801250



631C21



302C2E



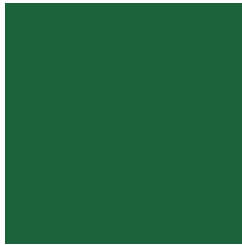
70003F



F00087

Previews

White Background



This preview shows how the Hex color 1C633B looks on a white background.

Color Contrast Check

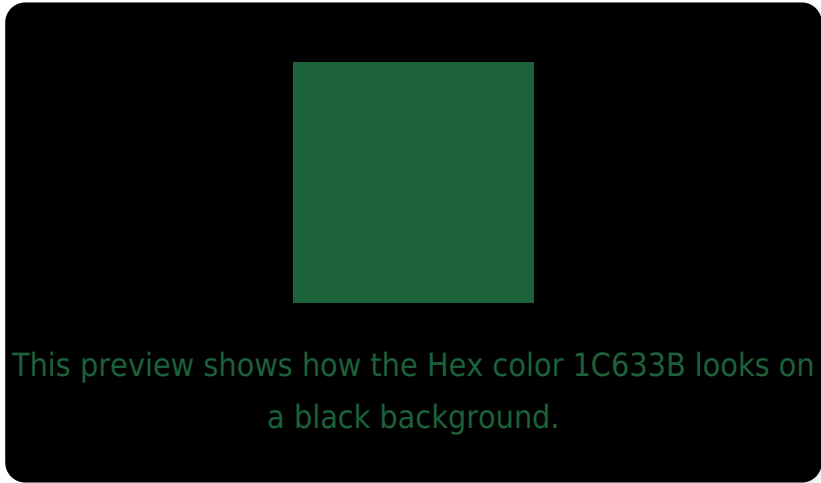
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

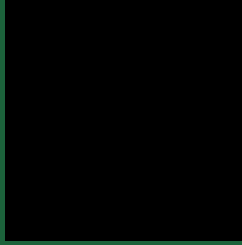
Any Text WCAG AA × Fail

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 1C633B Background



This preview shows how black text looks on a background with the Hex color 1C633B.



This preview shows how white text looks on a background with the Hex color 1C633B.

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
1C633B

Protanopia
5E5636

Deuteranopia
66533F



Tritanopia
2C5E66

Trichromacy



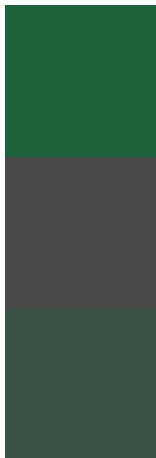
Original Color
1C633B

Protanomaly
465B38

Deuteranomaly
4B593E

Tritanomaly
266056

Monochromacy



Original Color
1C633B

Achromatopsia
494949

Achromatomaly
395244

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C633B 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 #1C633B looks like.

```
.text, #text, p{  
    color:#1C633B  
}
```

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 #1C633B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C633B
}
```

Border

The CSS property to change the border of an element to Hex 1C633B 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
#1C633B }
```

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

```
.border{ border-color:#1C633B }
```

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

Here you see how a box with a 4 pixel #1C633B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C633B; -webkit-box-shadow:4px 4px  
4px 4px #1C633B; box-shadow:4px 4px 4px  
4px #1C633B }
```

Background

The CSS property to change the background color of an element to Hex 1C633B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C633B }
```

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

```
.background{ background-color:#1C633B }
```

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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