

# Converting Colors

Hex(1C3D19)

Have a look what the booklet for  
Hex(1C3D19) contains.

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# Color

**Hex(1C3D19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C3D19
RGB	28, 61, 25
RGB Percent	11%, 24%, 10%
CMY	0.8902, 0.7608, 0.9020
CMYK	0.54, 0.00, 0.59, 0.76
HSL	115°, 42%, 17%
HSV	115°, 59%, 24%
XYZ	2.3231, 3.6546, 1.5027
YIQ	47.0290, -8.1120, -18.1920

# Conversions

## Conversions Part 2

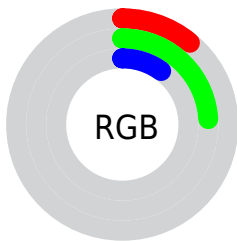
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 61, 58
Decimal	1850649
CIE Lab	22.49, -20.82, 18.40
CIE LCh	22, 27.785, 138.537
Yxy	3.6546, 0.3106, 0.4886
Android (android.graphics.Color)	4280040729 (0xFF1C3D19)
YUV	47.0290, -10.8603, -16.6884
Hunter-Lab	19.1169, -11.7631, 8.7214

# Details

The Hex color **1C3D19** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A193D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4B6D45**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **163D13**, and if you desaturate by 10%, it is **223D1F**.

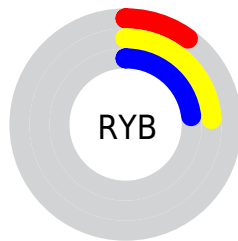
# Distribution



Red (11%)

Green (24%)

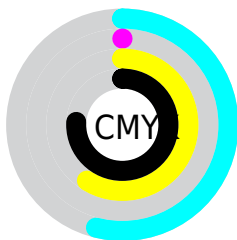
Blue (10%)



Red (10%)

Yellow (24%)

Blue (23%)

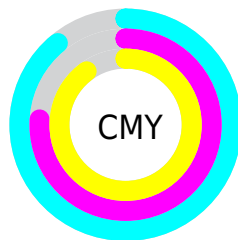


Cyan (54%)

Magenta (0%)

Yellow (59%)

Black (76%)



Cyan (89%)

Magenta (76%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C3D19 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 1C3D19 by changing the saturation by 10% instead.



 1C3D19

 1C3D19

FFFFFFE

 072700

 4B6D45

 001000

 63865D

 000000

 7DA176

 97BC90

 B2D7AA

 CEF4C5

 EAF FE1

 1C3D19

 1C3D19

■ 163D13

■ 223D1F

■ 113D0D

■ 273D25

■ 0B3D07

■ 2D3D2B

■ 063D01

■ 323D31

■ 053D00

■ 383D38

■ 3E3D3E

■ 433D44

■ 493D4A

■ 4E3D50

# Harmonies

## Analogous

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



35390B



1C3D19



003F2D

# Triad

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



1C3D19



003A5E



5C242A

# Complementary

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



1C3D19



3A193D

# 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.



57243F



1C3D19



28345D

# Square

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



1C3D19



003E54



472B51



552A17

# Rectangle

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



1C3D19



00403B



472B51



5B2331



# Sweetspot

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



1C3D19



424F41



3D3A19



212920



A8A8A8



292929



# Same Dimension

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



1C3D19



1C4F17



193D28



1C1F1C



085E00



12DE00



# Inverse Universe

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



3A193D



4A174F



3D192E



1E1C1F



56005E



CB00DE



# Previews

## White Background



This preview shows how the Hex color 1C3D19 looks on a white background.

## Color Contrast Check

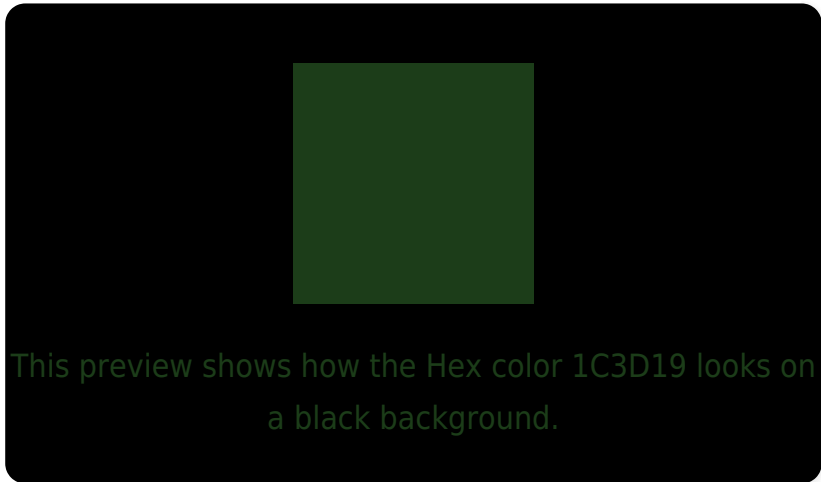
Large Text (above 18pt) WCAG AA ✓ Pass

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

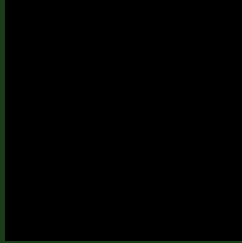
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C3D19 Background



This preview shows how black text looks on a background with the Hex color 1C3D19.



This preview shows how white text looks on a background with the Hex color 1C3D19.

# 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](#).

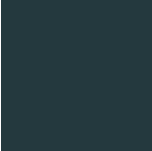
## Dichromacy



**Original Color**  
1C3D19

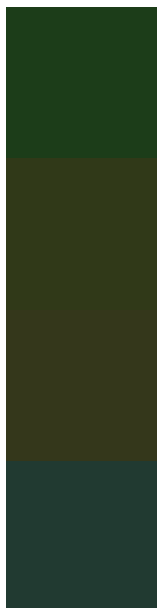
**Protanopia**  
3C3617

**Deuteranopia**  
42331C



**Tritanopia**  
24393E

# Trichromacy



**Original Color**  
1C3D19

**Protanomaly**  
303918

**Deuteranomaly**  
34371B

**Tritanomaly**  
213A31

# Monochromacy



**Original Color**  
1C3D19

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
283427

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C3D19 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 #1C3D19 looks like.

```
.text, #text, p{  
    color:#1C3D19  
}
```

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 #1C3D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3D19
}
```

## Border

The CSS property to change the border of an element to Hex 1C3D19 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
#1C3D19 }
```

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

```
.border{ border-color:#1C3D19 }
```

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

Here you see how a box with a 4 pixel #1C3D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3D19; -webkit-box-shadow:4px 4px  
4px 4px #1C3D19; box-shadow:4px 4px 4px  
4px #1C3D19 }
```

# Background

The CSS property to change the background color of an element to Hex 1C3D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3D19 }
```

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

```
.background{ background-color:#1C3D19 }
```

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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