

# Converting Colors

Hex(1C981D)

Have a look what the booklet for  
Hex(1C981D) contains.

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# Color

**Hex(1C981D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C981D
RGB	28, 152, 29
RGB Percent	11%, 60%, 11%
CMY	0.8902, 0.4039, 0.8863
CMYK	0.82, 0.00, 0.81, 0.40
HSL	120°, 69%, 35%
HSV	120°, 82%, 60%
XYZ	11.9289, 22.7921, 4.9330
YIQ	100.9020, -34.4210, -64.5410

# Conversions

## Conversions Part 2

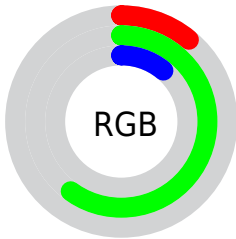
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 151, 152
Decimal	1873949
CIE <sub>Lab</sub>	54.86, -55.08, 50.87
CIE <sub>LCh</sub>	55, 74.980, 137.278
Yxy	22.7921, 0.3008, 0.5748
Android (android.graphics.Color)	4280064029 (0xFF1C981D)
YUV	100.9020, -35.4477, -63.9351
Hunter-Lab	47.7410, -38.9456, 27.2924

# Details

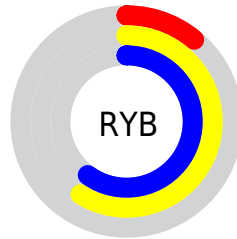
The Hex color **1C981D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **981C97**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **61CF54**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **0D980E**, and if you desaturate by 10%, it is **2B982C**.

# Distribution



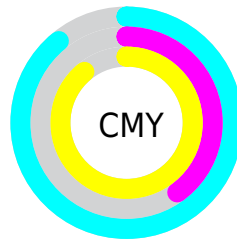
- Red (11%)
- Green (60%)
- Blue (11%)



- Red (11%)
- Yellow (59%)
- Blue (60%)



- Cyan (82%)
- Magenta (0%)
- Yellow (81%)
- Black (40%)



- Cyan (89%)
- Magenta (40%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C981D 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 1C981D by changing the saturation by 10% instead.



 1C981D

 1C981D

FFFFFF

 007D00

 61CF54

 006300

 7FEC6E

 004A00

 9CFF89

 003300

 B9FFA5

 001A00

 D7FFC1

 000000

 F5FFDD

 FFFFFA

 1C981D

 1C981D

■ 0D980E

■ 2B982C

■ 009801

■ 3A983B

■ 4A984A

■ 599859

■ 689868

■ 779877

■ 869887

■ 969896

■ A598A5

# Harmonies

## Analogous

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



7C8C00



1C981D



009E64

# Triad

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



1C981D



0093FF



F43761

# Complementary

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



1C981D



981C97

# 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.



E83AA2



1C981D



2A7EFF

# Square

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



1C981D



009DE2



B35EDC



E05722

# Rectangle

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



1C981D



00A092



B35EDC



F43276



# Sweetspot

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



1C981D



95C496



98981C



476347



E3E3E3



636363



# Same Dimension

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



1C981D



04C405



1C985A



454D45



008C01



000D00



# Inverse Universe

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



981C97



C404C3



981C5A



4D454C



8C008B

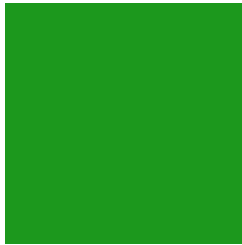


0D000D



# Previews

## White Background



This preview shows how the Hex color 1C981D looks on a white background.

## Color Contrast Check

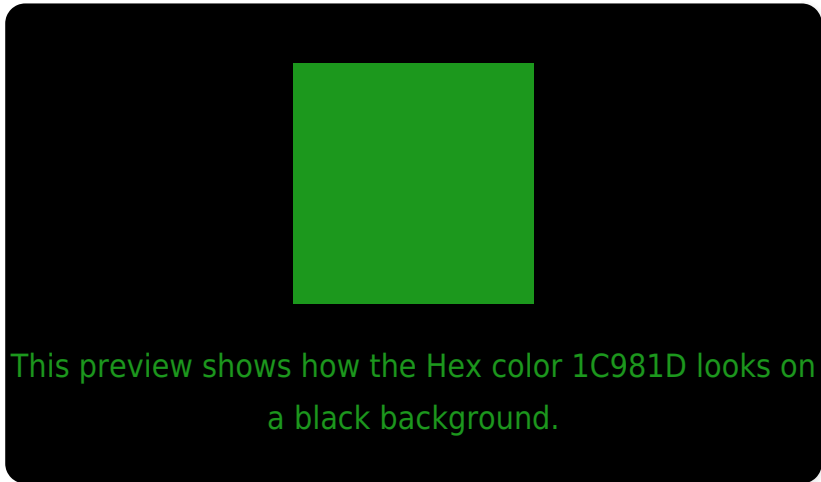
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 1C981D Background



This preview shows how black text looks on a background with the Hex color 1C981D.



This preview shows how white text looks on a background with the Hex color 1C981D.

# 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**  
1C981D

**Protanopia**  
938317

**Deuteranopia**  
A37C2B



**Tritanopia**  
448E99

# Trichromacy



**Original Color**  
1C981D



**Protanomaly**  
688B19



**Deuteranomaly**  
728626



**Tritanomaly**  
35926C

# Monochromacy



**Original Color**  
1C981D



**Achromatopsia**  
656565



**Achromatomaly**  
4A784B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C981D 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 #1C981D looks like.

```
.text, #text, p{  
    color:#1C981D  
}
```

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 #1C981D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C981D }  
}
```

## Border

The CSS property to change the border of an element to Hex 1C981D 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 #1C981D }  
}
```

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

```
.border{ border-color:#1C981D }
```

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

Here you see how a box with a 4 pixel #1C981D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C981D; -webkit-box-shadow:4px 4px  
4px 4px #1C981D; box-shadow:4px 4px 4px  
4px #1C981D }
```

# Background

The CSS property to change the background color of an element to Hex 1C981D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C981D }
```

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

```
.background{ background-color:#1C981D }
```

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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