

# Converting Colors

Hex(C1A31D)

Have a look what the booklet for  
Hex(C1A31D) contains.

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# **Color**

**Hex(C1A31D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C1A31D                      |
| RGB         | 193, 163, 29                |
| RGB Percent | 76%, 64%, 11%               |
| CMY         | 0.2431, 0.3608, 0.8863      |
| CMYK        | 0.00, 0.16, 0.85, 0.24      |
| HSL         | 49°, 74%, 44%               |
| HSV         | 49°, 85%, 76%               |
| XYZ         | 35.3113, 37.6206, 6.5628    |
| YIQ         | 156.6940, 60.8940, -35.3140 |

# Conversions

## Conversions Part 2

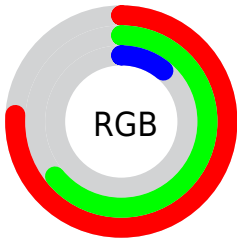
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 66, 193, 29                    |
| Decimal                             | 12690205                       |
| CIELab                              | 67.74, -1.51, 65.96            |
| CIELCh                              | 68, 65.980, 91.309             |
| Yxy                                 | 37.6206, 0.4442,<br>0.4732     |
| Android<br>(android.graphics.Color) | 4290880285<br>(0xFFC1A31D)     |
| YUV                                 | 156.6940, -62.9531,<br>31.8404 |
| Hunter-Lab                          | 61.3356, -4.5737,<br>36.5910   |

# Details

The Hex color **C1A31D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1D3BC1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FDDA58**, and **877000** is the 20% darker color. If you saturate the color by 10%, you get **C19F0A**, and if you desaturate by 10%, it is **C1A730**.

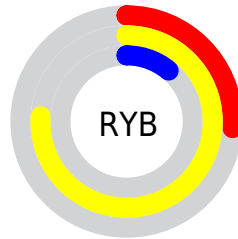
# Distribution



Red (76%)

Green (64%)

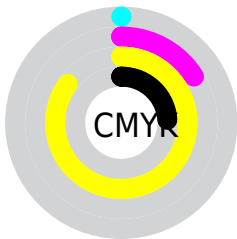
Blue (11%)



Red (26%)

Yellow (76%)

Blue (11%)

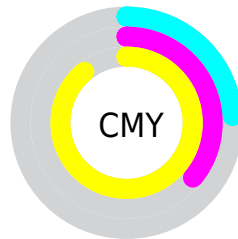


Cyan (0%)

Magenta (16%)

Yellow (85%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1A31D 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 C1A31D by changing the saturation by 10% instead.



 C1A31D

 C1A31D

FFFFFF

 A48900

 FDDA58

 877000

 FFF674

 6B5800

 FFFF8F

 4F4100

 FFFFAB

 352B00

 FFFFC8

 1D1700

 FFFF E5

 000000

 C1A31D

 C1A31D

 C19F0A

 C1A730

■ C19E00

■ C1AA44

■ C1AE57

■ C1B16A

■ C1B57E

■ C1B891

■ C1BCA4

■ C1BFB7

■ C1C3CB

# Harmonies

## Analogous

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



F08C3A



C1A31D



85B335

# Triad

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



C1A31D



00C0E1



EF7ADF

# Complementary

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



C1A31D



1D3BC1

# 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.



A894FF



C1A31D



00BAFF

# Square

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



C1A31D



00C1A6



00ABFF



FF6CA5

# Rectangle

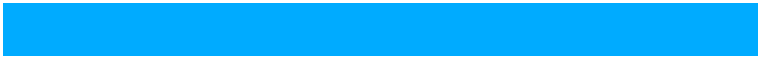
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1A31D



4FBA56



00ABFF



DC82F0

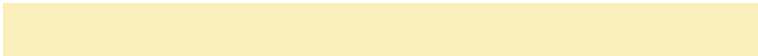


# Sweetspot

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



C1A31D



FAEEBB



C11D3B



7D7657



FCFCFC



7D7D7D



# Same Dimension

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



C1A31D



FACC00



8DC11D



615F57



A18300



211B00



# Inverse Universe

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



1D3BC1



002EFA



511DC1



575961



001DA1



000621



# Previews

## White Background



This preview shows how the Hex color C1A31D looks on a white background.

## Color Contrast Check

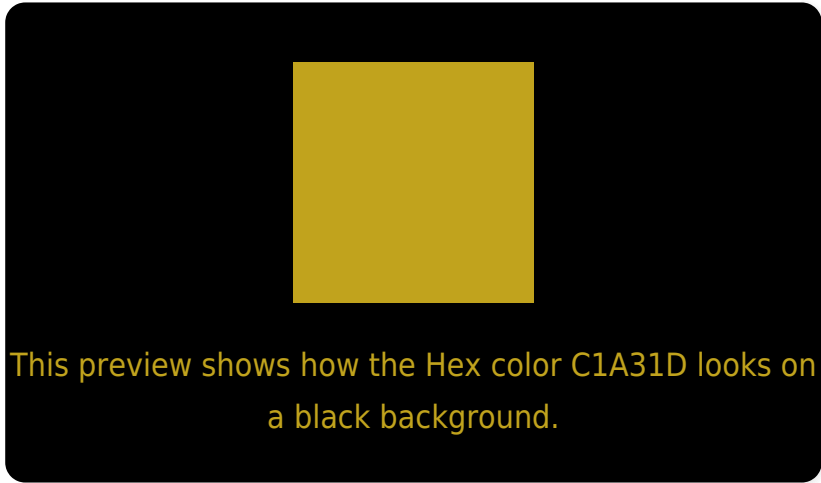
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex C1A31D Background



This preview shows how black text looks on a background with the Hex color C1A31D.



This preview shows how white text looks on a background with the Hex color C1A31D.

# 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**  
C1A31D

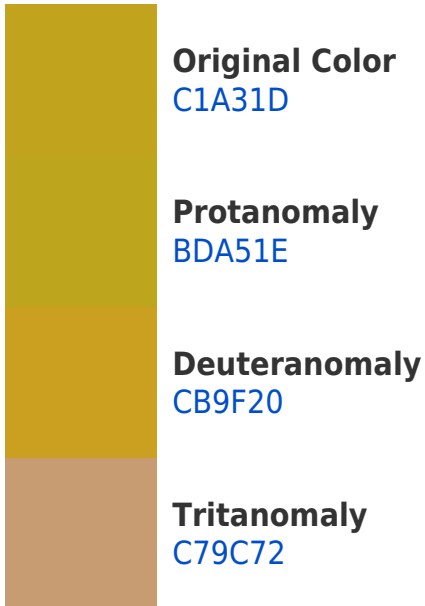
**Protanopia**  
BAA61E

**Deuteranopia**  
D09D21



**Tritanopia**  
CA98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1A31D 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 #C1A31D looks like.

```
.text, #text, p{  
    color:#C1A31D  
}
```

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 #C1A31D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A31D
}
```

## Border

The CSS property to change the border of an element to Hex C1A31D 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
#C1A31D }
```

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

```
.border{ border-color:#C1A31D }
```

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

Here you see how a box with a 4 pixel #C1A31D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A31D; -webkit-box-shadow:4px 4px  
4px 4px #C1A31D; box-shadow:4px 4px 4px  
4px #C1A31D }
```

# Background

The CSS property to change the background color of an element to Hex C1A31D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A31D }
```

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

```
.background{ background-color:#C1A31D }
```

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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