

# Converting Colors

Hex(C3201E)

Have a look what the booklet for  
Hex(C3201E) contains.

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# Color

**Hex(C3201E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3201E
RGB	195, 32, 30
RGB Percent	76%, 13%, 12%
CMY	0.2353, 0.8745, 0.8824
CMYK	0.00, 0.84, 0.85, 0.24
HSL	1°, 73%, 44%
HSV	1°, 85%, 76%
XYZ	23.2565, 12.7289, 2.4595
YIQ	80.5090, 97.7900, 33.9340

# Conversions

## Conversions Part 2

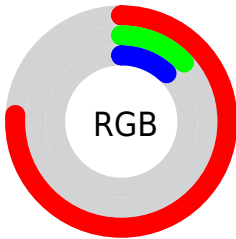
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 32, 30
Decimal	12787742
CIE Lab	42.35, 61.22, 44.07
CIE LCh	42, 75.429, 35.751
Yxy	12.7289, 0.6049, 0.3311
Android (android.graphics.Color)	4290977822 (0xFFC3201E)
YUV	80.5090, -24.9009, 100.4086
Hunter-Lab	35.6775, 53.9202, 20.8871

# Details

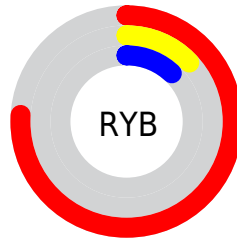
The Hex color **C3201E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1EC1C3**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F4C**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C30D0B**, and if you desaturate by 10%, it is **C33331**.

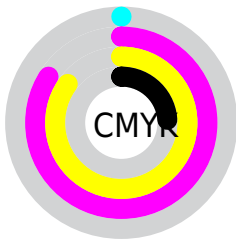
# Distribution



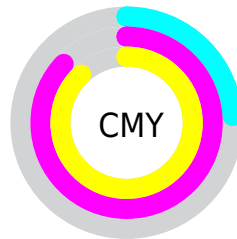
- Red (76%)
- Green (13%)
- Blue (12%)



- Red (76%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (84%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3201E 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 C3201E by changing the saturation by 10% instead.



 C3201E

 C3201E

FFFFFF

 A30007

 FF5F4C

 840000

 FF7B65

 650000

 FF987E

 480002

 FFB498

 290001

 FFD2B3

 000000

 FFEFCF

 FFFFEB

 C3201E

 C3201E

 C30D0B

 C33331

 C30200

 C34745

 C35A59

 C36D6C

 C38080

 C39493

 C3A7A7

 C3BABA

 C3CDCE

# Harmonies

## Analogous

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



CD005B



C3201E



A14C00

# Triad

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



C3201E



007A2C



0069E2

# Complementary

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



C3201E



1EC1C3

# 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.



0078D7



C3201E



007D6F

# Square

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



C3201E



277400



007DAC



6D4CCB

# Rectangle

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



C3201E



825F00



007DAC



006FE2



# Sweetspot

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



C3201E



FCBEBD



C31EC3



805A59



000000



808080



# Same Dimension

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



C3201E



FC0300



C3701E



615757



A10200



210000



# Inverse Universe

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



1EC1C3



00F9FC



1E70C3



576161



009FA1



002121



# Previews

## White Background



This preview shows how the Hex color C3201E looks on a white background.

## Color Contrast Check

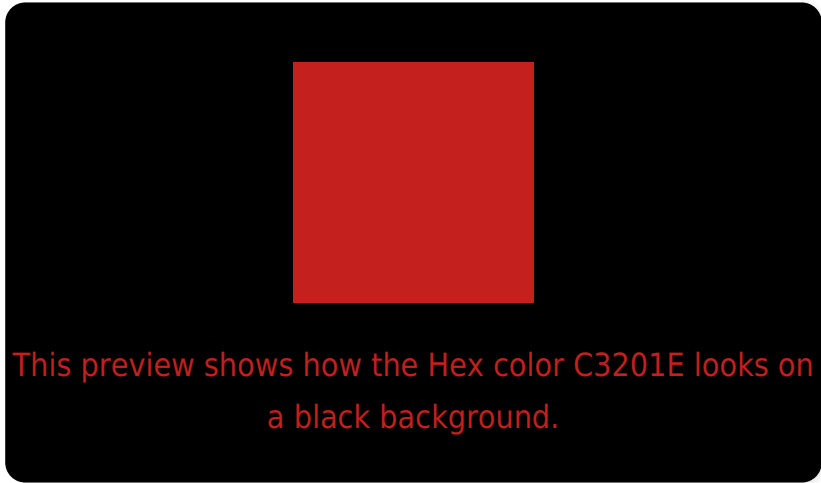
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3201E Background



This preview shows how black text looks on a background with the Hex color C3201E.



This preview shows how white text looks on a background with the Hex color C3201E.

# 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

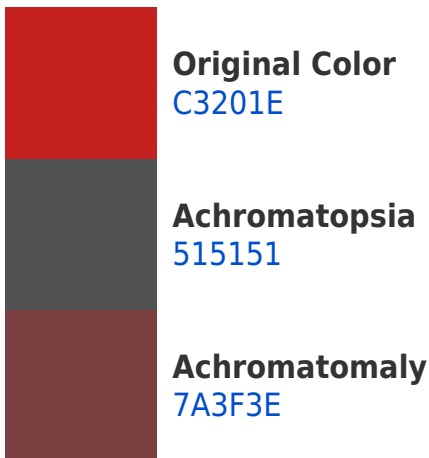




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3201E 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 #C3201E looks like.

```
.text, #text, p{  
    color:#C3201E  
}
```

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 #C3201E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3201E
}
```

## Border

The CSS property to change the border of an element to Hex C3201E is called "border". The border property can be set on classes, ids or directly on the HTML element.

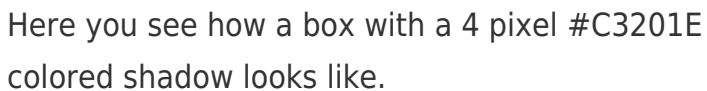
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3201E }
```

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

```
.border{ border-color:#C3201E }
```

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



Here you see how a box with a 4 pixel `#C3201E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3201E; -webkit-box-shadow:4px 4px  
4px 4px #C3201E; box-shadow:4px 4px 4px  
4px #C3201E }
```

# Background

The CSS property to change the background color of an element to Hex C3201E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3201E }
```

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

```
.background{ background-color:#C3201E }
```

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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