

# Converting Colors

Hex(C31A2B)

Have a look what the booklet for  
Hex(C31A2B) contains.

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# Color

**Hex(C31A2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C31A2B
RGB	195, 26, 43
RGB Percent	76%, 10%, 17%
CMY	0.2353, 0.8980, 0.8314
CMYK	0.00, 0.87, 0.78, 0.24
HSL	354°, 76%, 43%
HSV	354°, 87%, 76%
XYZ	23.3111, 12.5153, 3.4726
YIQ	78.4690, 95.2670, 41.1150

# Conversions

## Conversions Part 2

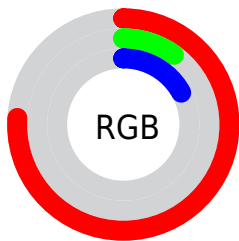
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 26, 43
Decimal	12786219
CIELab	42.02, 62.87, 36.62
CIElCh	42, 72.759, 30.215
Yxy	12.5153, 0.5932, 0.3185
Android (android.graphics.Color)	4290976299 (0xFFC31A2B)
YUV	78.4690, -17.4862, 102.1977
Hunter-Lab	35.3770, 55.7101, 18.9441

# Details

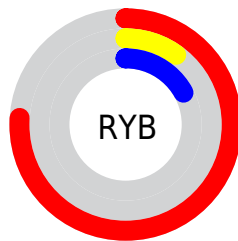
The Hex color **C31A2B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1AC3B2**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5C59**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C30619**, and if you desaturate by 10%, it is **C32D3D**.

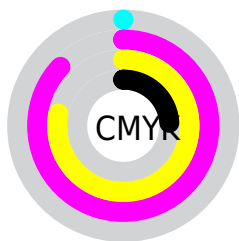
# Distribution



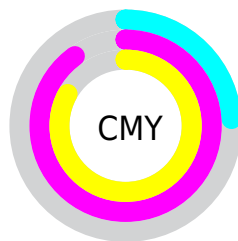
- Red (76%)
- Green (10%)
- Blue (17%)



- Red (76%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (90%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C31A2B 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 C31A2B by changing the saturation by 10% instead.



 C31A2B

 C31A2B

FFFFFF

 A30016

 FF5C59

 850000

 FF7972

 650000

 FF958B

 480002

 FFB2A6

 290001

 FFCFC1

 000000

 FFEDDD

 FFFFF9

 C31A2B

 C31A2B

 C30619

 C32D3D

 C30014

 C3414E

 C35460

 C36871

 C37B83

 C38F94

 C3A2A6

 C3B6B7

 C3C9C9

# Harmonies

## Analogous

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



C70066



C31A2B



A64700

# Triad

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



C31A2B



007820



006BDD

# Complementary

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



C31A2B



1AC3B2

# 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.



0078CC



C31A2B



007B62

# Square

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



C31A2B



3B7000



007C9F



5753CC

# Rectangle

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



C31A2B



8A5A00



007C9F



0071DB



# Sweetspot

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



C31A2B



FCBBC1



AF1AC3



80585C



000000



808080



# Same Dimension

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



C31A2B



FC0019



C35B1A



615758



A10010



210003



# Inverse Universe

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



C31A2B



FC0019



1A82C3



615758



A10010



210003



# Previews

## White Background



This preview shows how the Hex color C31A2B looks on a white background.

## Color Contrast Check

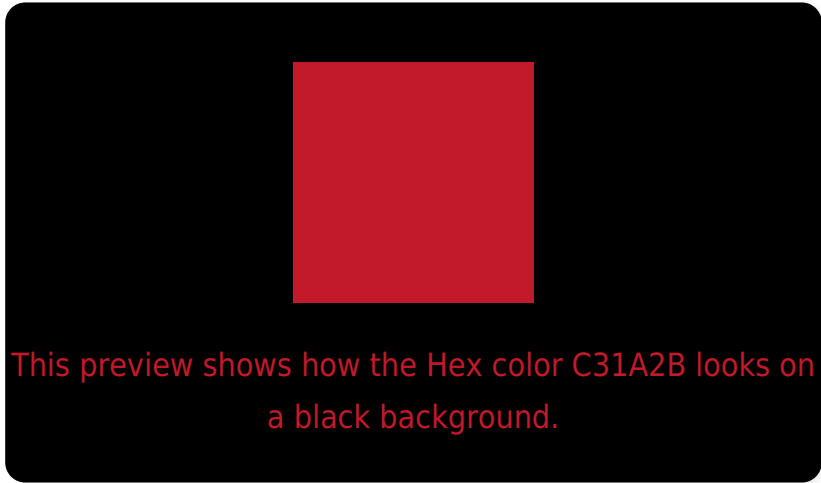
Large Text (above 18pt) WCAG AA ✓ Pass

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 C31A2B Background



This preview shows how black text looks on a background with the Hex color C31A2B.



This preview shows how white text looks on a background with the Hex color C31A2B.

# 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**  
C31A2B

**Protanopia**  
6D6540

**Deuteranopia**  
7E5F1F



# Trichromacy



**Original Color**  
C31A2B

**Protanomaly**  
8C4A38

**Deuteranomaly**  
974623

**Tritanomaly**  
C31C21

# Monochromacy



**Original Color**  
C31A2B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
793B41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C31A2B 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 #C31A2B looks like.

```
.text, #text, p{  
    color:#C31A2B  
}
```

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 #C31A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C31A2B
}
```

## Border

The CSS property to change the border of an element to Hex C31A2B 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".

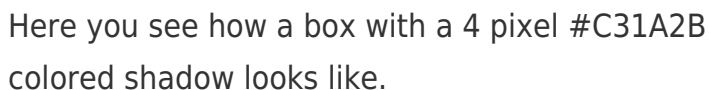
```
.border, #border, table{ border:4px solid
#C31A2B }
```

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

```
.border{ border-color:#C31A2B }
```

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

Here you see how a box with a 4 pixel #C31A2B colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C31A2B; -webkit-box-shadow:4px 4px  
4px 4px #C31A2B; box-shadow:4px 4px 4px  
4px #C31A2B }
```

# Background

The CSS property to change the background color of an element to Hex C31A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C31A2B }
```

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

```
.background{ background-color:#C31A2B }
```

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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