

# Converting Colors

Hex(C21A2B)

Have a look what the booklet for  
Hex(C21A2B) contains.

<b>Hex(C21A2B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C21A2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C21A2B
RGB	194, 26, 43
RGB Percent	76%, 10%, 17%
CMY	0.2392, 0.8980, 0.8314
CMYK	0.00, 0.87, 0.78, 0.24
HSL	354°, 76%, 43%
HSV	354°, 87%, 76%
XYZ	23.0536, 12.3825, 3.4605
YIQ	78.1700, 94.6710, 40.9030

# Conversions

## Conversions Part 2

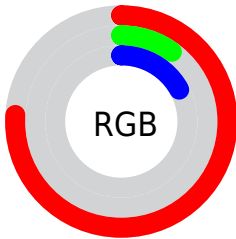
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 26, 43</a>
Decimal	<a href="#">12720683</a>
CIELab	<a href="#">41.82, 62.61, 36.33</a>
CIElCh	<a href="#">42, 72.385, 30.130</a>
Yxy	<a href="#">12.3825, 0.5927, 0.3183</a>
Android (android.graphics.Color)	<a href="#">4290910763 (0xFFC21A2B)</a>
YUV	<a href="#">78.1700, -17.3388, 101.5829</a>
Hunter-Lab	<a href="#">35.1888, 55.3618, 18.8015</a>

# Details

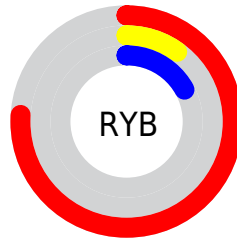
The Hex color **C21A2B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1AC2B1**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5C59**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C2071A**, and if you desaturate by 10%, it is **C22D3C**.

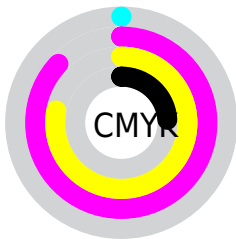
# Distribution



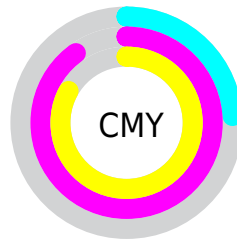
- Red (76%)
- Green (10%)
- Blue (17%)



- 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 C21A2B 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 C21A2B by changing the saturation by 10% instead.



 C21A2B

 C21A2B

FFFFFF

 A30016

 FF5C59

 840000

 FF7972

 640000

 FF958B

 470002

 FFB2A6

 280001

 FFCFC1

 000000

 FFEDDD

 FFFFF9

 C21A2B

 C21A2B

 C2071A

 C22D3C

 C20014

 C2414E

 C2545F

 C26871

 C27B82

 C28E94

 C2A2A5

 C2B5B6

 C2C9C8

# Harmonies

## Analogous

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



C60065



C21A2B



A54600

# Triad

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



C21A2B



007720



006BDC

# Complementary

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



C21A2B



1AC2B1

# 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.



0077CB



C21A2B



007B61

# Square

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



C21A2B



3B7000



007B9D



5652CB

# Rectangle

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



C21A2B



895900



007B9D



0070DA



# Sweetspot

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



C21A2B



FCBBC1



AE1AC2



80585C



000000



808080



# Same Dimension

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



C21A2B



FC001A



C25A1A



615758



A10010



210003



# Inverse Universe

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



C21A2B



FC001A



1A82C2



615758



A10010



210003



# Previews

## White Background



This preview shows how the Hex color C21A2B looks on a white background.

## Color Contrast Check

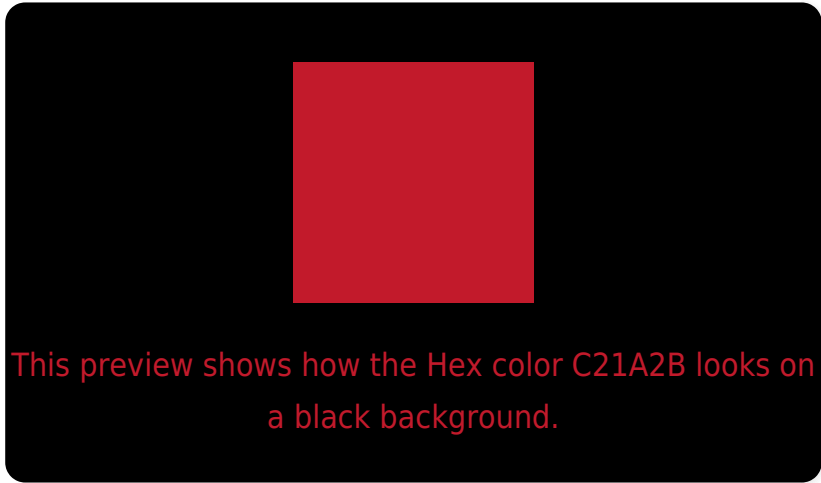
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21A2B Background



This preview shows how black text looks on a background with the Hex color C21A2B.



This preview shows how white text looks on a background with the Hex color C21A2B.

# 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**  
C21A2B

**Protanopia**  
6D6440

**Deuteranopia**  
7D5F1F



# Trichromacy



**Original Color**  
C21A2B

**Protanomaly**  
8C4938

**Deuteranomaly**  
964623

**Tritanomaly**  
C21C21

# Monochromacy



**Original Color**  
C21A2B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
783B41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C21A2B 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 #C21A2B looks like.

```
.text, #text, p{  
    color:#C21A2B  
}
```

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 #C21A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21A2B
}
```

## Border

The CSS property to change the border of an element to Hex C21A2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

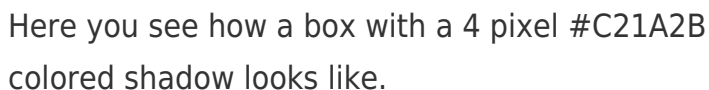
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C21A2B }
```

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

```
.border{ border-color:#C21A2B }
```

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



Here you see how a box with a 4 pixel `#C21A2B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21A2B; -webkit-box-shadow:4px 4px  
4px 4px #C21A2B; box-shadow:4px 4px 4px  
4px #C21A2B }
```

# Background

The CSS property to change the background color of an element to Hex C21A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21A2B }
```

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

```
.background{ background-color:#C21A2B }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor