

# Converting Colors

Hex(C80A2A)

Have a look what the booklet for  
Hex(C80A2A) contains.

<b>Hex(C80A2A)</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(C80A2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C80A2A
RGB	200, 10, 42
RGB Percent	78%, 4%, 16%
CMY	0.2157, 0.9608, 0.8353
CMYK	0.00, 0.95, 0.79, 0.22
HSL	350°, 90%, 41%
HSV	350°, 95%, 78%
XYZ	24.3459, 12.6636, 3.3516
YIQ	70.4580, 102.9680, 50.2320

# Conversions

## Conversions Part 2

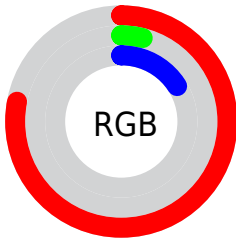
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 10, 42</a>
Decimal	<a href="#">13109802</a>
CIELab	<a href="#">42.25, 66.45, 37.75</a>
CIElCh	<a href="#">42, 76.430, 29.602</a>
Yxy	<a href="#">12.6636, 0.6032, 0.3138</a>
Android (android.graphics.Color)	<a href="#">4291299882</a> ( <a href="#">0xFFC80A2A</a> )
YUV	<a href="#">70.4580, -14.0298, 113.6083</a>
Hunter-Lab	<a href="#">35.5860, 59.8440, 19.3260</a>

# Details

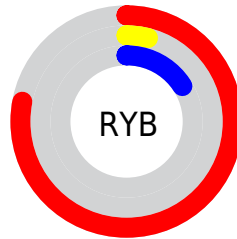
The Hex color **C80A2A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0AC8A8**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5758**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C80022**, and if you desaturate by 10%, it is **C81E3B**.

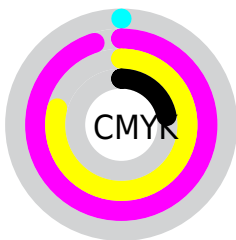
# Distribution



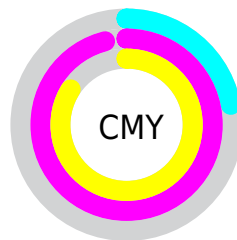
- Red (78%)
- Green (4%)
- Blue (16%)



- Red (78%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (95%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C80A2A 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 C80A2A by changing the saturation by 10% instead.



 C80A2A

 C80A2A

FFFFFF

 A80015

 FF5758

 890000

 FF7570

 690000

 FF928A

 4C0003

 FFAFA4

 2D0001

 FFCCC0

 000000

 FFEADB

 FFFFF8

 C80A2A

 C80A2A

 C80022

 C81E3B

 C8324B

 C8465C

 C85A6D

 C86E7D

 C8828E

 C8969E

 C8AAAF

 C8BEC0

# Harmonies

## Analogous

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



CC0068



C80A2A



AA4400

# Triad

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



C80A2A



00791B



006DE4

# Complementary

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



C80A2A



0AC8A8

# 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.



007AD1



C80A2A



007D61

# Square

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



C80A2A



3A7100



007DA1



5253D3

# Rectangle

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



C80A2A



8C5900



007DA1



0072E2



# Sweetspot

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



C80A2A



FFB5C2



A50AC8



80535A



000000



808080



# Same Dimension

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



C80A2A



FF002B



C8460A



635A5B



A3001B



240006



# Inverse Universe

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



C80A2A



FF002B



0A8CC8



635A5B



A3001B



240006



# Previews

## White Background



This preview shows how the Hex color C80A2A looks on a white background.

## Color Contrast Check

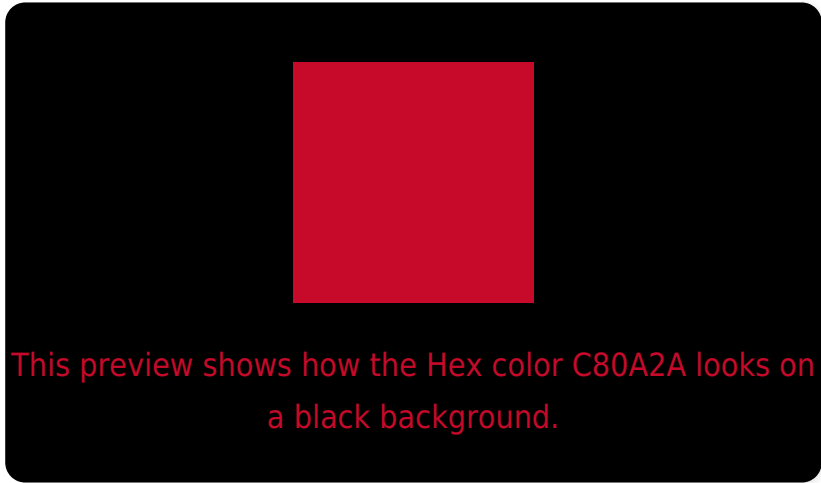
Large Text (above 18pt) WCAG AA ✓ Pass

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 C80A2A Background



This preview shows how black text looks on a background with the Hex color C80A2A.



This preview shows how white text looks on a background with the Hex color C80A2A.

# 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





**Tritanopia**  
C8140B

# Trichromacy



**Original Color**  
C80A2A

**Protanomaly**  
8F4538

**Deuteranomaly**  
9A4121

**Tritanomaly**  
C81016

# Monochromacy



**Original Color**  
C80A2A

**Achromatopsia**  
464646

**Achromatomaly**  
75303C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C80A2A 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 #C80A2A looks like.

```
.text, #text, p{  
    color:#C80A2A  
}
```

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 #C80A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C80A2A
}
```

## Border

The CSS property to change the border of an element to Hex C80A2A 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".

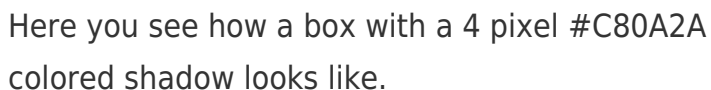
```
.border, #border, table{ border:4px solid
#C80A2A }
```

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

```
.border{ border-color:#C80A2A }
```

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

Here you see how a box with a 4 pixel #C80A2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C80A2A; -webkit-box-shadow:4px 4px  
4px 4px #C80A2A; box-shadow:4px 4px 4px  
4px #C80A2A }
```

# Background

The CSS property to change the background color of an element to Hex C80A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C80A2A }
```

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

```
.background{ background-color:#C80A2A }
```

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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