

# Converting Colors

Hex(C12A1E)

Have a look what the booklet for  
Hex(C12A1E) contains.

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# Color

Hex(C12A1E)

# Conversions

## Conversions Part 1

Format	Color
Hex	C12A1E
RGB	193, 42, 30
RGB Percent	76%, 16%, 12%
CMY	0.2431, 0.8353, 0.8824
CMYK	0.00, 0.78, 0.84, 0.24
HSL	4°, 73%, 44%
HSV	4°, 84%, 76%
XYZ	23.0546, 13.0871, 2.5392
YIQ	85.7810, 93.8480, 28.2800

# Conversions

## Conversions Part 2

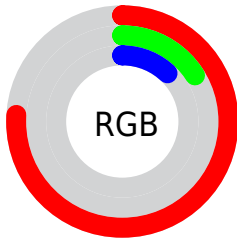
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 43, 30
Decimal	12659230
CIE Lab	42.89, 57.97, 44.40
CIE LCh	43, 73.020, 37.450
Yxy	13.0871, 0.5960, 0.3383
Android (android.graphics.Color)	4290849310 (0xFFC12A1E)
YUV	85.7810, -27.5000, 94.0311
Hunter-Lab	36.1761, 50.4478, 21.1616

# Details

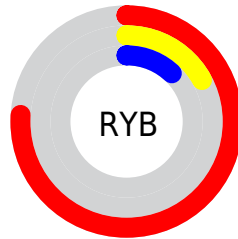
The Hex color **C12A1E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1EB5C1**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF654C**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C1180B**, and if you desaturate by 10%, it is **C13C31**.

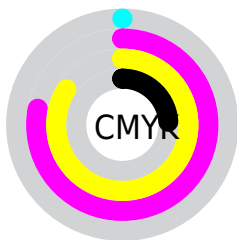
# Distribution



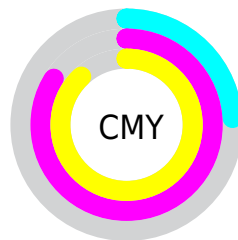
- Red (76%)
- Green (16%)
- Blue (12%)



- Red (76%)
- Yellow (17%)
- Blue (12%)



- Cyan (0%)
- Magenta (78%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C12A1E 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 C12A1E by changing the saturation by 10% instead.



 C12A1E

 C12A1E

FFFFFF

 A10007

 FF654C

 820000

 FF8165

 630000

 FF9D7E

 460002

 FFB999

 280001

 FFD6B4

 000000

 FFF4CF

 FFFFEC

 C12A1E

 C12A1E

■ C1180B

■ C13C31

■ C10E00

■ C14E45

■ C16058

■ C1726B

■ C1837E

■ C19592

■ C1A7A5

■ C1B9B8

■ C1CBCC

# Harmonies

## Analogous

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



CC0059



C12A1E



9F5000

# Triad

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



C12A1E



007C33



0069DF

# Complementary

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



C12A1E



1EB5C1

# 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.



0078D6



C12A1E



007E73

# Square

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



C12A1E



267500



007EAE



754CC7

# Rectangle

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



C12A1E



806100



007EAE



006FE0



# Sweetspot

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



C12A1E



FAC0BB



C11EB6



7D5A57



FCFCFC



7D7D7D



# Same Dimension

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



C12A1E



FA1200



C17A1E



615857



A10C00



210200



# Inverse Universe

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



1EB5C1



00E8FA



1E65C1



576061



0095A1



001F21



# Previews

## White Background



This preview shows how the Hex color C12A1E looks on a white background.

## Color Contrast Check

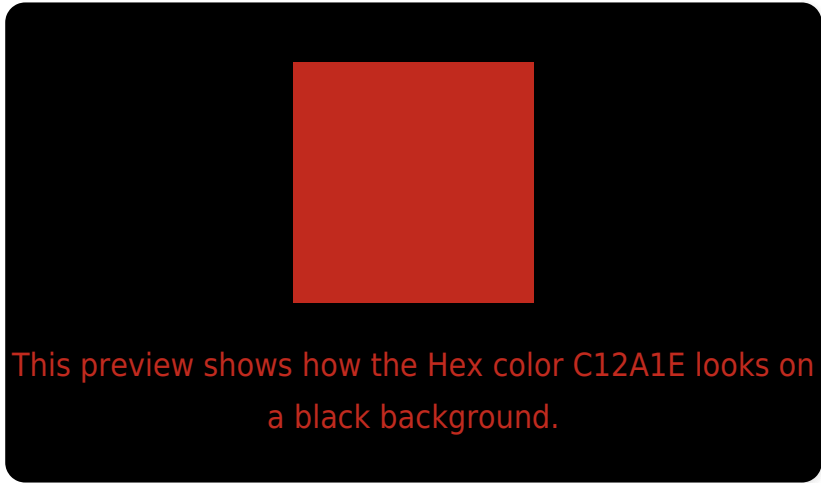
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12A1E Background



This preview shows how black text looks on a background with the Hex color C12A1E.



This preview shows how white text looks on a background with the Hex color C12A1E.

# 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 C12A1E 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 #C12A1E looks like.

```
.text, #text, p{  
    color:#C12A1E  
}
```

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 #C12A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12A1E
}
```

## Border

The CSS property to change the border of an element to Hex C12A1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

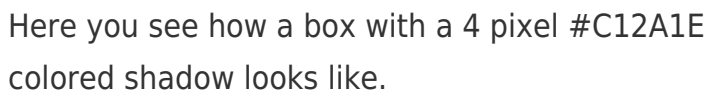
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12A1E }
```

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

```
.border{ border-color:#C12A1E }
```

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



Here you see how a box with a 4 pixel `#C12A1E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12A1E; -webkit-box-shadow:4px 4px  
4px 4px #C12A1E; box-shadow:4px 4px 4px  
4px #C12A1E }
```

# Background

The CSS property to change the background color of an element to Hex C12A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12A1E }
```

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

```
.background{ background-color:#C12A1E }
```

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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