

Converting Colors

Hex(C12A4C)

Have a look what the booklet for
Hex(C12A4C) contains.

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Color

Hex(C12A4C)

Conversions

Conversions Part 1

Format	Color
Hex	C12A4C
RGB	193, 42, 76
RGB Percent	76%, 16%, 30%
CMY	0.2431, 0.8353, 0.7020
CMYK	0.00, 0.78, 0.61, 0.24
HSL	346°, 64%, 46%
HSV	346°, 78%, 76%
XYZ	24.1248, 13.5152, 8.1747
YIQ	91.0250, 79.0820, 42.5860

Conversions

Conversions Part 2

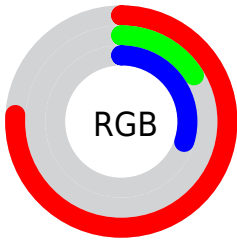
Format	Color
RYB	193, 42, 76
Decimal	12659276
CIELab	43.53, 59.98, 18.26
CIElCh	44, 62.703, 16.935
Yxy	13.5152, 0.5266, 0.2950
Android (android.graphics.Color)	4290849356 (0xFFC12A4C)
YUV	91.0250, -7.4073, 89.4321
Hunter-Lab	36.7630, 52.8008, 12.5503

Details

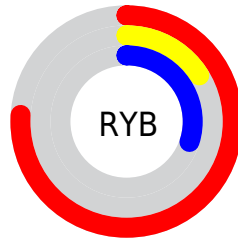
The Hex color **C12A4C** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2AC19F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF667D**, and **840021** is the 20% darker color. If you saturate the color by 10%, you get **C1173D**, and if you desaturate by 10%, it is **C13D5B**.

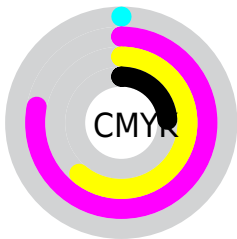
Distribution



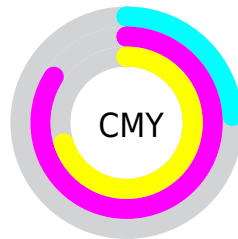
- Red (76%)
- Green (16%)
- Blue (30%)



- Red (76%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12A4C 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 C12A4C by changing the saturation by 10% instead.

 C12A4C

 C12A4C

FFFFFF

 A20036

 FF667D

 840021

 FF8296

 67000A

 FF9EB1

 4A0002

 FFBBCC

 2C0001

 FFD8E8

 000000

 FFF6FF

 C12A4C

 C12A4C

 C1173D

 C13D5B

 C1032E

 C1516A

 C1002B

 C16479

 C17788

 C18B97

 C19EA6

 C1B1B5

 C1C4C4

 C1D8D3

Harmonies

Analogous

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



B72D80



C12A4C



B1431A

Triad

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



C12A4C



177714



0074CD

Complementary

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



C12A4C



2AC19F

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.



007CB2



C12A4C



007C4D

Square

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



C12A4C



616D00



007E84



1D63CB

Rectangle

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



C12A4C



9C5500



007E84



0077C7

Sweetspot

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



C12A4C



FAC0CD



9E2AC1



7D5A62



FCFCFC



7D7D7D

Same Dimension

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



C12A4C



FA0F44



C1522A



615759



A10024



210007

Inverse Universe

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



C12A4C



FA0F44



2A99C1



615759



A10024



210007

Previews

White Background



This preview shows how the Hex color C12A4C looks on a white background.

Color Contrast Check

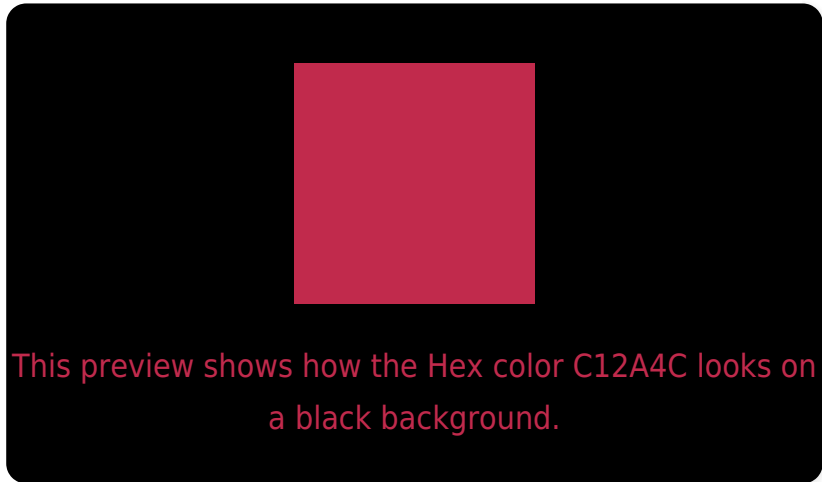
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12A4C Background



This preview shows how black text looks on a background with the Hex color C12A4C.



This preview shows how white text looks on a background with the Hex color C12A4C.

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
C12A4C

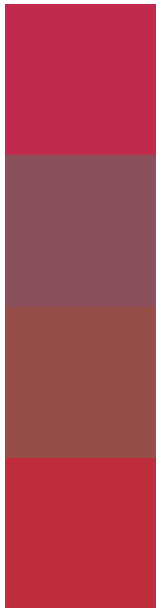
Protanopia
6A6767

Deuteranopia
7D6345



Tritanopia
C03031

Trichromacy



Original Color
C12A4C

Protanomaly
8A515D

Deuteranomaly
964E48

Tritanomaly
C02E3B

Monochromacy



Original Color
C12A4C

Achromatopsia
5B5B5B

Achromatomaly
804956

CSS Examples

Text

The CSS property to change the color of the text to Hex C12A4C 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 #C12A4C looks like.

```
.text, #text, p{  
    color:#C12A4C  
}
```

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 #C12A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12A4C
}
```

Border

The CSS property to change the border of an element to Hex C12A4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

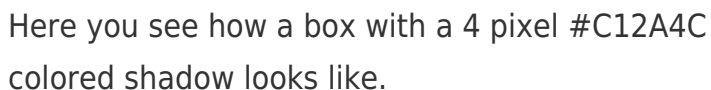
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12A4C }
```

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

```
.border{ border-color:#C12A4C }
```

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



Here you see how a box with a 4 pixel `#C12A4C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12A4C; -webkit-box-shadow:4px 4px  
4px 4px #C12A4C; box-shadow:4px 4px 4px  
4px #C12A4C }
```

Background

The CSS property to change the background color of an element to Hex C12A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12A4C }
```

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

```
.background{ background-color:#C12A4C }
```

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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