

# Converting Colors

Hex(C13D2A)

Have a look what the booklet for  
Hex(C13D2A) contains.

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# Color

Hex(C13D2A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13D2A
RGB	193, 61, 42
RGB Percent	76%, 24%, 16%
CMY	0.2431, 0.7608, 0.8353
CMYK	0.00, 0.68, 0.78, 0.24
HSL	8°, 64%, 46%
HSV	8°, 78%, 76%
XYZ	24.0790, 14.8421, 3.7862
YIQ	98.3020, 84.7710, 22.0750

# Conversions

## Conversions Part 2

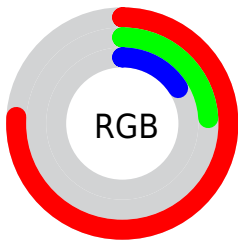
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 64, 42
Decimal	12664106
CIELab	45.42, 51.65, 40.61
CIElCh	45, 65.702, 38.180
Yxy	14.8421, 0.5638, 0.3475
Android (android.graphics.Color)	4290854186 (0xFFC13D2A)
YUV	98.3020, -27.7569, 83.0501
Hunter-Lab	38.5255, 44.1456, 21.1409

# Details

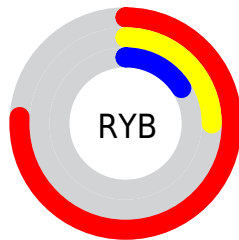
The Hex color **C13D2A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AAEC1**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7459**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C12C17**, and if you desaturate by 10%, it is **C14E3D**.

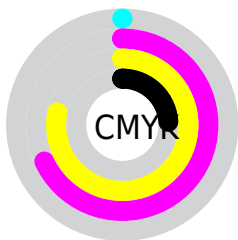
# Distribution



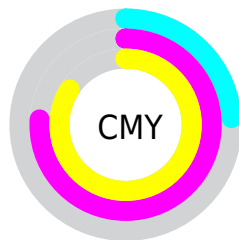
- Red (76%)
- Green (24%)
- Blue (16%)



- Red (76%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (68%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13D2A 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 C13D2A by changing the saturation by 10% instead.



 C13D2A

 C13D2A

FFFFFF

 A21F14

 FF7459

 840000

 FF8F72

 650000

 FFAB8C

 480000

 FFC7A6

 2C0001

 FFE4C2

 000000

 FFFFDE

 FFFFFA

 C13D2A

 C13D2A

 C12C17

 C14E3D

 C11B03

 C15F51

 C11800

 C17064

 C18077

 C1918B

 C1A29E

 C1B3B1

 C1C4C4

 C1D5D8

# Harmonies

## Analogous

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



CB265F



C13D2A



A25900

# Triad

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



C13D2A



008140



006ED9

# Complementary

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



C13D2A



2AAEC1

# 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.



007CD2



C13D2A



00837A

# Square

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



C13D2A



377B00



0082AF



7E55C3

# Rectangle

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



C13D2A



856800



0082AF



0074DA



# Sweetspot

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



C13D2A



FAC8C0



C12AAF



7D5E5A



FCFCFC



7D7D7D



# Same Dimension

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



C13D2A



FA2D0F



C1872A



615857



A11400



210400

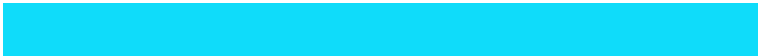


# Inverse Universe

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



2AAEC1



0FDCFA



2A64C1



576061



008CA1

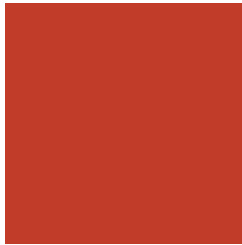


001D21



# Previews

## White Background



This preview shows how the Hex color C13D2A looks on a white background.

## Color Contrast Check

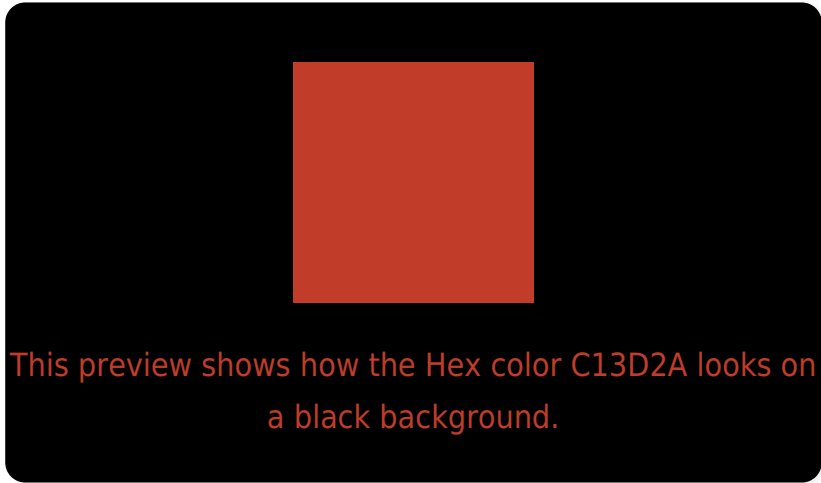
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13D2A Background



This preview shows how black text looks on a background with the Hex color C13D2A.



This preview shows how white text looks on a background with the Hex color C13D2A.

# 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



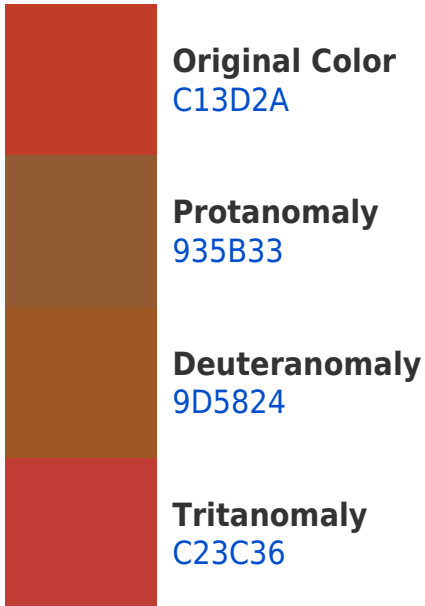
**Original Color**  
C13D2A

**Protanopia**  
786C38

**Deuteranopia**  
886720



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13D2A 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 #C13D2A looks like.

```
.text, #text, p{  
    color:#C13D2A  
}
```

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 #C13D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13D2A
}
```

## Border

The CSS property to change the border of an element to Hex C13D2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

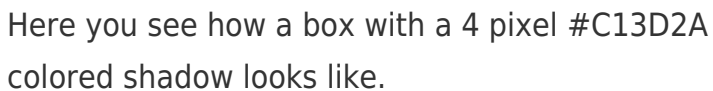
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13D2A }
```

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

```
.border{ border-color:#C13D2A }
```

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



Here you see how a box with a 4 pixel #C13D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13D2A; -webkit-box-shadow:4px 4px  
4px 4px #C13D2A; box-shadow:4px 4px 4px  
4px #C13D2A }
```

# Background

The CSS property to change the background color of an element to Hex C13D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13D2A }
```

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

```
.background{ background-color:#C13D2A }
```

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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