

# Converting Colors

Hex(C13E4A)

Have a look what the booklet for  
Hex(C13E4A) contains.

<b>Hex(C13E4A)</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(C13E4A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13E4A
RGB	193, 62, 74
RGB Percent	76%, 24%, 29%
CMY	0.2431, 0.7569, 0.7098
CMYK	0.00, 0.68, 0.62, 0.24
HSL	355°, 51%, 50%
HSV	355°, 68%, 76%
XYZ	24.9510, 15.2771, 8.1123
YIQ	102.5370, 74.2240, 31.5040

# Conversions

## Conversions Part 2

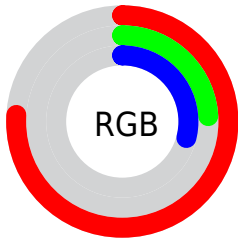
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 62, 74</a>
Decimal	<a href="#">12664394</a>
CIELab	<a href="#">46.01, 52.86, 22.76</a>
CIELCh	<a href="#">46, 57.550, 23.295</a>
Yxy	<a href="#">15.2771, 0.5162, 0.3160</a>
Android (android.graphics.Color)	<a href="#">4290854474</a> ( <a href="#">0xFFC13E4A</a> )
YUV	<a href="#">102.5370, -14.0687, 79.3361</a>
Hunter-Lab	<a href="#">39.0860, 45.5471, 15.0545</a>

# Details

The Hex color **C13E4A** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **3EC1B5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF757B**, and **85001F** is the 20% darker color. If you saturate the color by 10%, you get **C12B38**, and if you desaturate by 10%, it is **C1515C**.

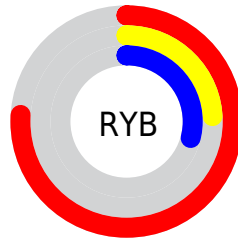
# Distribution



Red (76%)

Green (24%)

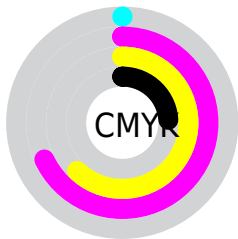
Blue (29%)



Red (76%)

Yellow (24%)

Blue (29%)

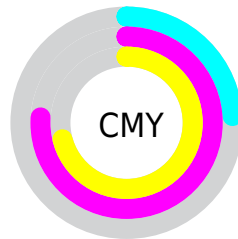


Cyan (0%)

Magenta (68%)

Yellow (62%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13E4A 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 C13E4A by changing the saturation by 10% instead.



 C13E4A

 C13E4A

FFFFFF

 A32034

 FF757B

 85001F

 FF9194

 680007

 FFADAF

 4A0000

 FFC9CA

 2F0002

 FFE6E6

 000000

 C13E4A

 C13E4A

 C12B38

 C1515C

 C11727

 C1656D

 C10415

 C1787F

 C10012

 C18B90

 C19FA2

 C1B2B3

 C1C5C5

 C1D8D6

 C1ECE8

# Harmonies

## Analogous

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



BD3B7A



C13E4A



AF531E

# Triad

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



C13E4A



117E2F



0076CD

# Complementary

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



C13E4A



3EC1B5

# 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.



007FBA



C13E4A



008260

# Square

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



C13E4A



5F7600



008392



5465C6

# Rectangle

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



C13E4A



996100



008392



007ACA



# Sweetspot

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



C13E4A



FAC8CC



B43EC1



7D5F62



FCFCFC



7D7D7D



# Same Dimension

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



C13E4A



FA2F42



C1723E



615758



A1000F



210003



# Inverse Universe

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



C13E4A



FA2F42



3E8DC1



615758



A1000F



210003



# Previews

## White Background



This preview shows how the Hex color C13E4A looks on a white background.

## Color Contrast Check

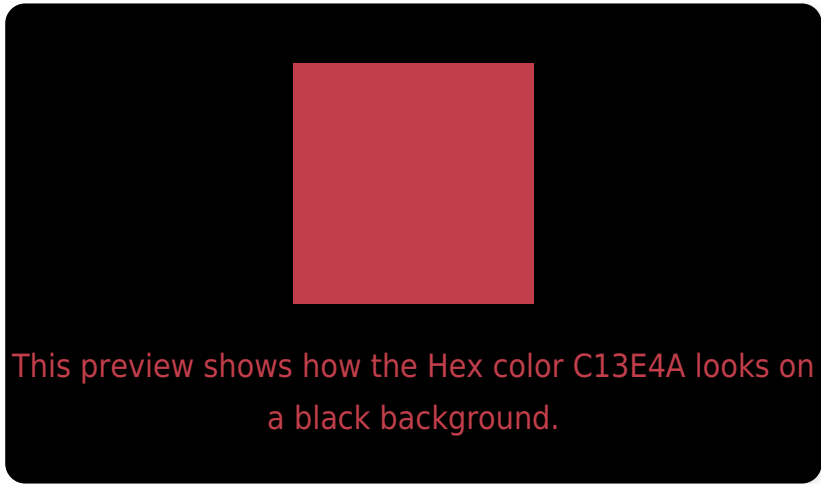
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13E4A Background



This preview shows how black text looks on a background with the Hex color C13E4A.



This preview shows how white text looks on a background with the Hex color C13E4A.

# 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**  
C13E4A

**Protanopia**  
736D5E

**Deuteranopia**  
856943



**Tritanopia**  
C13F43

# Trichromacy



**Original Color**  
C13E4A

**Protanomaly**  
8F5C57

**Deuteranomaly**  
9B5946

**Tritanomaly**  
C13F46

# Monochromacy



**Original Color**  
C13E4A

**Achromatopsia**  
676767

**Achromatomaly**  
88585C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13E4A 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 #C13E4A looks like.

```
.text, #text, p{  
    color:#C13E4A  
}
```

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 #C13E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13E4A
}
```

## Border

The CSS property to change the border of an element to Hex C13E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

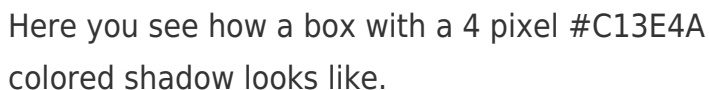
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13E4A }
```

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

```
.border{ border-color:#C13E4A }
```

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



Here you see how a box with a 4 pixel `#C13E4A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13E4A; -webkit-box-shadow:4px 4px  
4px 4px #C13E4A; box-shadow:4px 4px 4px  
4px #C13E4A }
```

# Background

The CSS property to change the background color of an element to Hex C13E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13E4A }
```

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

```
.background{ background-color:#C13E4A }
```

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