

# Converting Colors

Hex(C14C43)

Have a look what the booklet for  
Hex(C14C43) contains.

<b>Hex(C14C43)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C14C43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C14C43
RGB	193, 76, 67
RGB Percent	76%, 30%, 26%
CMY	0.2431, 0.7020, 0.7373
CMYK	0.00, 0.61, 0.65, 0.24
HSL	4°, 50%, 51%
HSV	4°, 65%, 76%
XYZ	25.5899, 16.9116, 7.2257
YIQ	109.9570, 72.6210, 22.0050

# Conversions

## Conversions Part 2

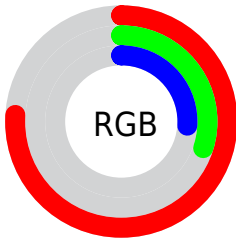
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 77, 67
Decimal	12667971
CIELab	48.15, 46.36, 29.63
CIElCh	48, 55.017, 32.584
Yxy	16.9116, 0.5146, 0.3401
Android (android.graphics.Color)	4290858051 (0xFFC14C43)
YUV	109.9570, -21.1778, 72.8287
Hunter-Lab	41.1237, 39.1080, 18.3689

# Details

The Hex color **C14C43** 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 **43B8C1**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FE8173**, and **851317** is the 20% darker color. If you saturate the color by 10%, you get **C13A30**, and if you desaturate by 10%, it is **C15E56**.

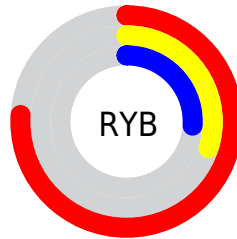
# Distribution



Red (76%)

Green (30%)

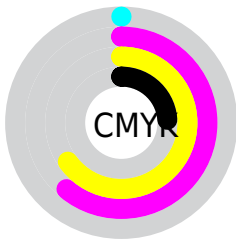
Blue (26%)



Red (76%)

Yellow (30%)

Blue (26%)

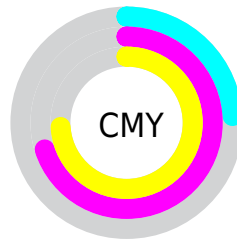


Cyan (0%)

Magenta (61%)

Yellow (65%)

Black (24%)



Cyan (24%)

Magenta (70%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14C43 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 C14C43 by changing the saturation by 10% instead.



 C14C43

 C14C43

FFFFFF

 A3312D

 FE8173

 851317

 FF9D8D

 680000

 FFB8A7

 4B0000

 FFD5C3

 310002

 FFF2DF

 000000

 FFFFFB

 C14C43

 C14C43

 C13A30

 C15E56

 C1281C

 C1706A

 C11609

 C1827D

 C10E00

 C19490

 C1A6A3

 C1B8B7

 C1C9CA

 C1DBDD

 C1EDF1

# Harmonies

## Analogous

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



C44370



C14C43



AA601B

# Triad

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



C14C43



008545



0077D0

# Complementary

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



C14C43



43B8C1

# 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.



0082C5



C14C43



008875

# Square

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



C14C43



567E19



0087A3



7764C1

# Rectangle

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



C14C43



936C02



0087A3



007BCF



# Sweetspot

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



C14C43



FACBC8



C143B9



7D615F



FCFCFC



7D7D7D



# Same Dimension

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



C14C43



FA4537



C18A43



615857



A10B00



210200



# Inverse Universe

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



43B8C1



37ECFA



437AC1



576061



0095A1



001F21



# Previews

## White Background



This preview shows how the Hex color C14C43 looks on a white background.

## Color Contrast Check

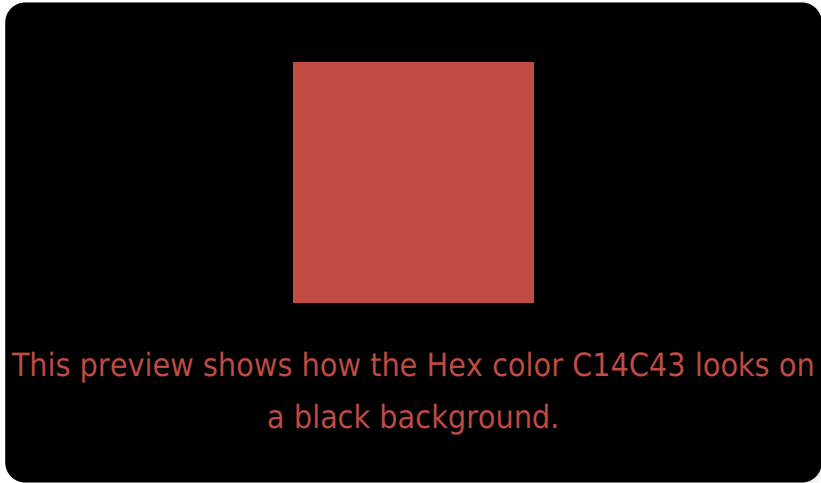
Large Text (above 18pt) WCAG AA ✓ Pass

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 C14C43 Background



This preview shows how black text looks on a background with the Hex color C14C43.



This preview shows how white text looks on a background with the Hex color C14C43.

# 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**  
C14C43

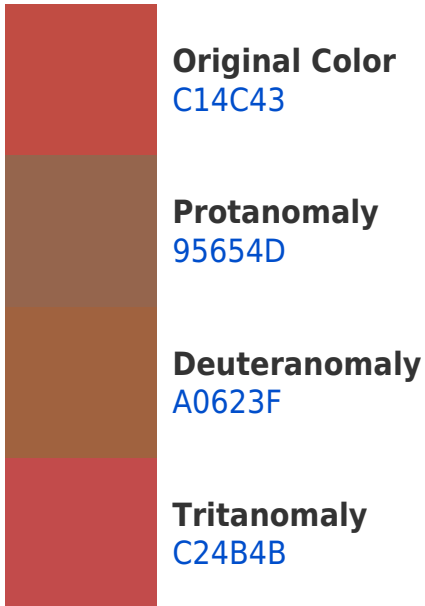
**Protanopia**  
7C7352

**Deuteranopia**  
8D6E3D

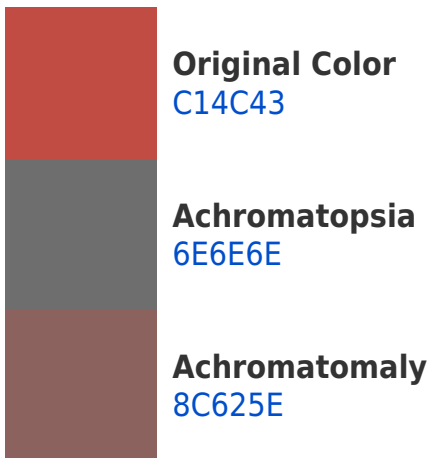


**Tritanopia**  
C24A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14C43 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 #C14C43 looks like.

```
.text, #text, p{  
    color:#C14C43  
}
```

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 #C14C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14C43
}
```

## Border

The CSS property to change the border of an element to Hex C14C43 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
#C14C43 }
```

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

```
.border{ border-color:#C14C43 }
```

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

Here you see how a box with a 4 pixel #C14C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14C43; -webkit-box-shadow:4px 4px  
4px 4px #C14C43; box-shadow:4px 4px 4px  
4px #C14C43 }
```

# Background

The CSS property to change the background color of an element to Hex C14C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14C43 }
```

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

```
.background{ background-color:#C14C43 }
```

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