

# Converting Colors

Hex(C94E20)

Have a look what the booklet for  
Hex(C94E20) contains.

<b>Hex(C94E20)</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(C94E20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94E20
RGB	201, 78, 32
RGB Percent	79%, 31%, 13%
CMY	0.2118, 0.6941, 0.8745
CMYK	0.00, 0.61, 0.84, 0.21
HSL	16°, 73%, 46%
HSV	16°, 84%, 79%
XYZ	27.0725, 17.9706, 3.4083
YIQ	109.5330, 88.0740, 11.7700

# Conversions

## Conversions Part 2

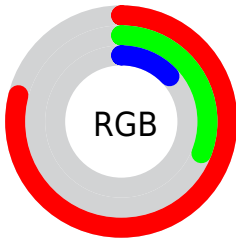
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 95, 32
Decimal	13192736
CIE <sub>Lab</sub>	49.46, 46.82, 49.83
CIE <sub>LCh</sub>	49, 68.377, 46.784
Yxy	17.9706, 0.5588, 0.3709
Android (android.graphics.Color)	4291382816 (0xFFC94E20)
YUV	109.5330, -38.2238, 80.2166
Hunter-Lab	42.3917, 39.8094, 24.9073

# Details

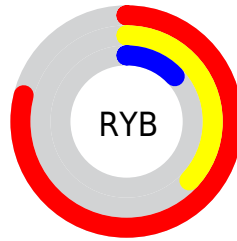
The Hex color **C94E20** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **209BC9**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF8351**, and **8B1500** is the 20% darker color. If you saturate the color by 10%, you get **C93F0C**, and if you desaturate by 10%, it is **C95D34**.

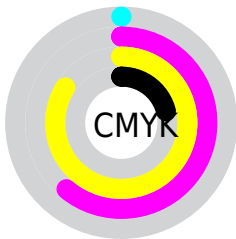
# Distribution



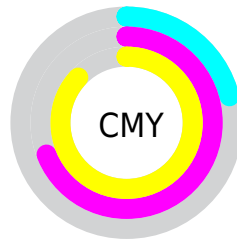
- Red (79%)
- Green (31%)
- Blue (13%)



- Red (79%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (84%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C94E20 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 C94E20 by changing the saturation by 10% instead.



 C94E20

 C94E20

FFFFFF

 AA3305

 FF8351

 8B1500

 FF9F6A

 6D0000

 FFBA84

 4F0000

 FFD79F

 350002

 FFF4BA

 040000

 FFFFFD6

 000000

 FFFFFF3

 C94E20

 C94E20

 C93F0C

 C95D34

 C93700

 C96B48

 C97A5C

 C98970

 C99785

 C9A699

 C9B4AD

 C9C3C1

 C9D2D5

# Harmonies

## Analogous

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



DA3258



C94E20



A36A00

# Triad

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



C94E20



008E59



2371E6

# Complementary

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



C94E20



209BC9

# 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.



0084E7



C94E20



008F96

# Square

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



C94E20



1E881A



008DCA



9F55C6

# Rectangle

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



C94E20



827700



008DCA



0079EA



# Sweetspot

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



C94E20



FFD1BF



C9209C



806459



000000



808080



# Same Dimension

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



C94E20



FF4500



C9A220



635C5A



A32C00



240A00



# Inverse Universe

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



209BC9



00BAFF



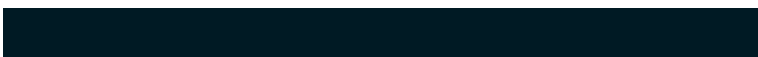
2047C9



5A6163



0077A3

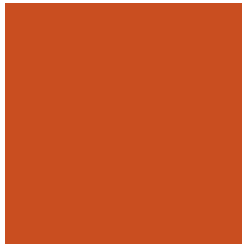


001A24



# Previews

## White Background



This preview shows how the Hex color C94E20 looks on a white background.

## Color Contrast Check

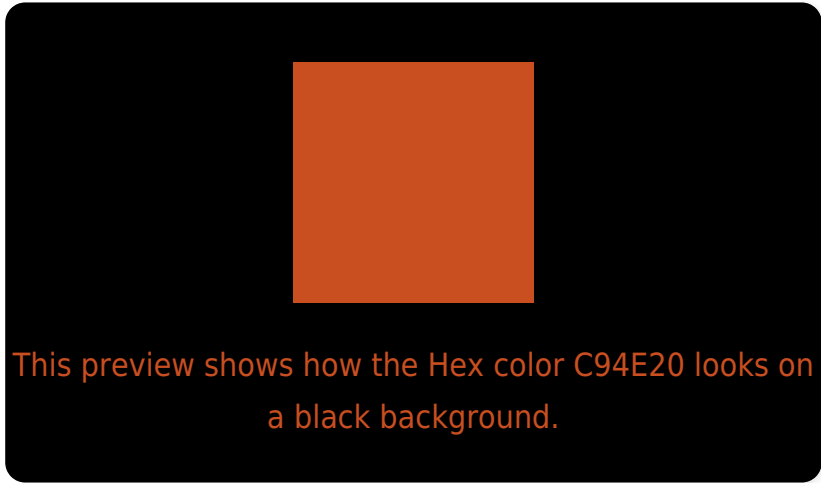
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C94E20 Background



This preview shows how black text looks on a background with the Hex color C94E20.

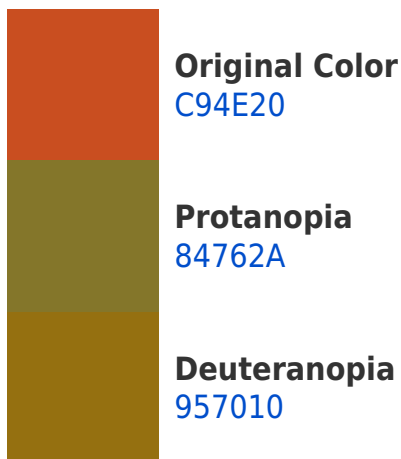



This preview shows how white text looks on a background with the Hex color C94E20.

# 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](#).

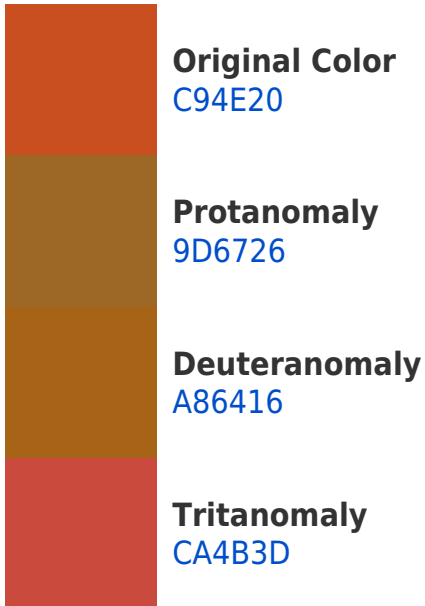
## Dichromacy





**Tritanopia**  
CB494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C94E20 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 #C94E20 looks like.

```
.text, #text, p{  
    color:#C94E20  
}
```

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 #C94E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94E20  
}
```

## Border

The CSS property to change the border of an element to Hex C94E20 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  
#C94E20 }
```

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

```
.border{ border-color:#C94E20 }
```

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

Here you see how a box with a 4 pixel #C94E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94E20; -webkit-box-shadow:4px 4px  
4px 4px #C94E20; box-shadow:4px 4px 4px  
4px #C94E20 }
```

# Background

The CSS property to change the background color of an element to Hex C94E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94E20 }
```

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

```
.background{ background-color:#C94E20 }
```

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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