

Converting Colors

Hex(C94226)

Have a look what the booklet for
Hex(C94226) contains.

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Color

Hex(C94226)

Conversions

Conversions Part 1

Format	Color
Hex	C94226
RGB	201, 66, 38
RGB Percent	79%, 26%, 15%
CMY	0.2118, 0.7412, 0.8510
CMYK	0.00, 0.67, 0.81, 0.21
HSL	10°, 68%, 47%
HSV	10°, 81%, 79%
XYZ	26.3855, 16.4539, 3.6190
YIQ	103.1730, 89.4480, 19.9120

Conversions

Conversions Part 2

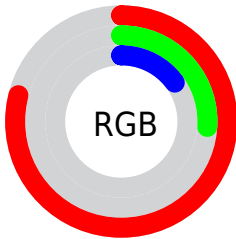
Format	Color
RYB	201, 72, 38
Decimal	13189670
CIELab	47.56, 52.19, 45.29
CIELCh	48, 69.098, 40.953
Yxy	16.4539, 0.5679, 0.3542
Android (android.graphics.Color)	4291379750 (0xFFC94226)
YUV	103.1730, -32.1303, 85.7943
Hunter-Lab	40.5634, 45.1239, 23.1047

Details

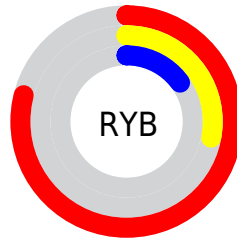
The Hex color **C94226** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **26ADC9**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7956**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **C93112**, and if you desaturate by 10%, it is **C9533A**.

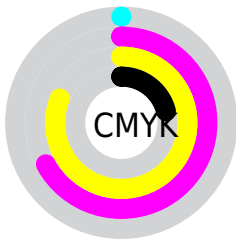
Distribution



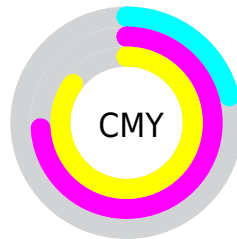
- Red (79%)
- Green (26%)
- Blue (15%)



- Red (79%)
- Yellow (28%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (21%)



- Cyan (21%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C94226 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 C94226 by changing the saturation by 10% instead.

 C94226

 C94226

FFFFFF

 AA250E

 FF7956

 8B0000

 FF946F

 6C0000

 FFB088

 4E0000

 FFCDA3

 330002

 FFEABE

 000000

 FFFFDA

 FFFFF7

 C94226

 C94226

 C93112

 C9533A

 C92300

 C9634E

 C97462

 C98576

 C9958B

 C9A69F

 C9B7B3

 C9C7C7

 C9D8DB

Harmonies

Analogous

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



D6265E



C94226



A66000

Triad

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



C94226



008848



0071E5

Complementary

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



C94226



26ADC9

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.



0082E0



C94226



008A85

Square

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



C94226



2F8200



0089BC



8C56CA

Rectangle

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



C94226



876F00



0089BC



0078E7

Sweetspot

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



C94226



FFCC2



C926AE



80615B



000000



808080

Same Dimension

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



C94226



FF3208



C99326



635B5A



A31C00



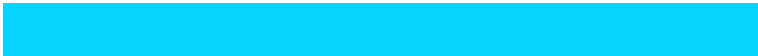
240600

Inverse Universe

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



26ADC9



08D5FF



265CC9



5A6263



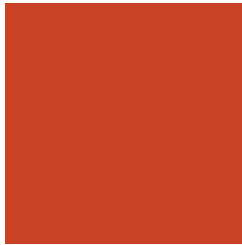
0087A3



001E24

Previews

White Background



This preview shows how the Hex color C94226 looks on a white background.

Color Contrast Check

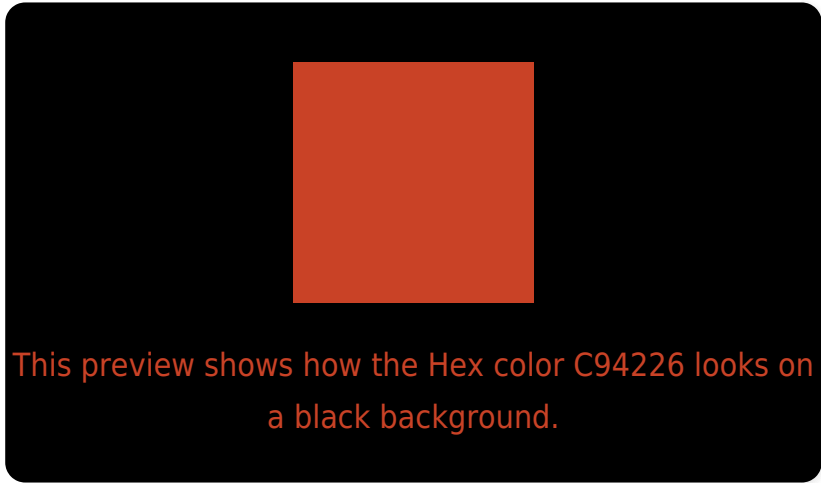
Large Text (above 18pt) WCAG AA ✓ Pass

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 C94226 Background



This preview shows how black text looks on a background with the Hex color C94226.



This preview shows how white text looks on a background with the Hex color C94226.

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

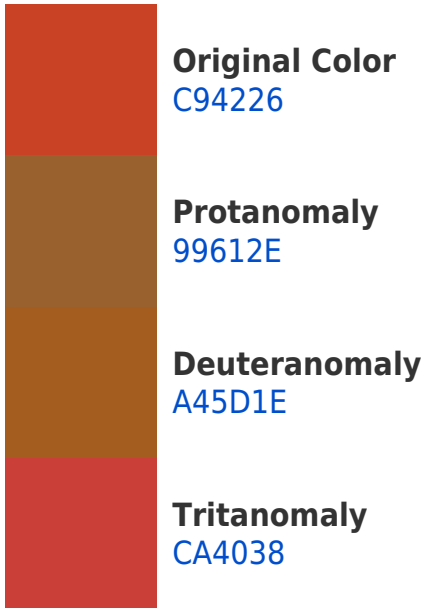


Original Color
C94226

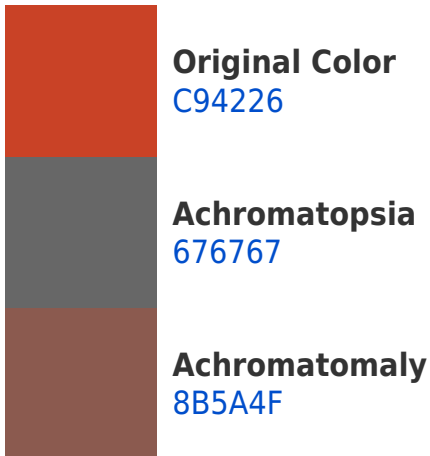
Protanopia
7E7233

Deuteranopia
8F6C19

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C94226 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 #C94226 looks like.

```
.text, #text, p{  
    color:#C94226  
}
```

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 #C94226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94226
}
```

Border

The CSS property to change the border of an element to Hex C94226 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
#C94226 }
```

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

```
.border{ border-color:#C94226 }
```

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

Here you see how a box with a 4 pixel #C94226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94226; -webkit-box-shadow:4px 4px  
4px 4px #C94226; box-shadow:4px 4px 4px  
4px #C94226 }
```

Background

The CSS property to change the background color of an element to Hex C94226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94226 }
```

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

```
.background{ background-color:#C94226 }
```

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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