

Converting Colors

Hex(CA4934)

Have a look what the booklet for
Hex(CA4934) contains.

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Color

Hex(CA4934)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA4934 |
| RGB | 202, 73, 52 |
| RGB Percent | 79%, 29%, 20% |
| CMY | 0.2078, 0.7137, 0.7961 |
| CMYK | 0.00, 0.64, 0.74, 0.21 |
| HSL | 8°, 59%, 50% |
| HSV | 8°, 74%, 79% |
| XYZ | 27.3595, 17.5696, 5.1981 |
| YIQ | 109.1770, 83.6250, 20.8170 |

Conversions

Conversions Part 2

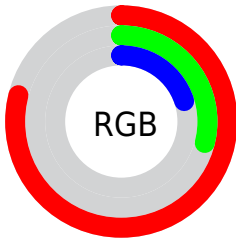
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 202, 76, 52 |
| Decimal | 13257012 |
| CIE _{Lab} | 48.97, 50.09, 39.46 |
| CIE _{LCh} | 49, 63.771, 38.231 |
| Yxy | 17.5696, 0.5458, 0.3505 |
| Android (android.graphics.Color) | 4291447092 (0xFFCA4934) |
| YUV | 109.1770, -28.1883, 81.4058 |
| Hunter-Lab | 41.9161, 43.1575, 21.9886 |

Details

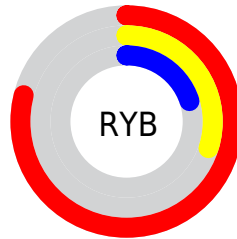
The Hex color **CA4934** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34B5CA**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7F64**, and **8D0907** is the 20% darker color. If you saturate the color by 10%, you get **CA3820**, and if you desaturate by 10%, it is **CA5A48**.

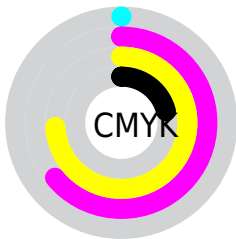
Distribution



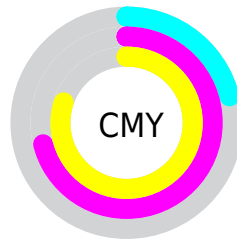
- Red (79%)
- Green (29%)
- Blue (20%)



- Red (79%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4934 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 CA4934 by changing the saturation by 10% instead.

 CA4934

 CA4934

FFFFFF

 AB2D1E

 FF7F64

 8D0907

 FF9B7D

 6F0000

 FFB797

 510000

 FFD3B2

 360002

 FFF0CE

 070000

 FFFFEA

 000000

 CA4934

 CA4934

 CA3820

 CA5A48

■ CA260C

■ CA6C5C

■ CA1C00

■ CA7D71

■ CA8E85

■ CAA099

■ CAB1AD

■ CAC3C1

■ CAD4D6

■ CAE5EA

Harmonies

Analogous

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



D33768



CA4934



AC6300

Triad

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



CA4934



008A4A



0076E0

Complementary

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



CA4934



34B5CA

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.



0085D9



CA4934



008D82

Square

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



CA4934



43830E



008BB6



885FCA

Rectangle

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



CA4934



8F7100



008BB6



007CE1

Sweetspot

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



CA4934



FFCFC7



CA34B6



80635E



000000



808080

Same Dimension

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



CA4934



FF3C1C



CA9334



665D5C



A61700



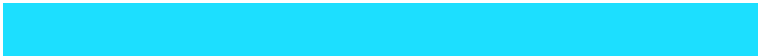
260500

Inverse Universe

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



34B5CA



1CDFFF



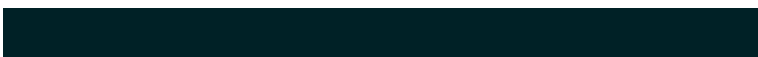
346BCA



5C6566



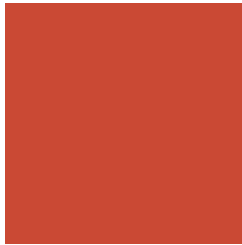
008FA6



002126

Previews

White Background



This preview shows how the Hex color CA4934 looks on a white background.

Color Contrast Check

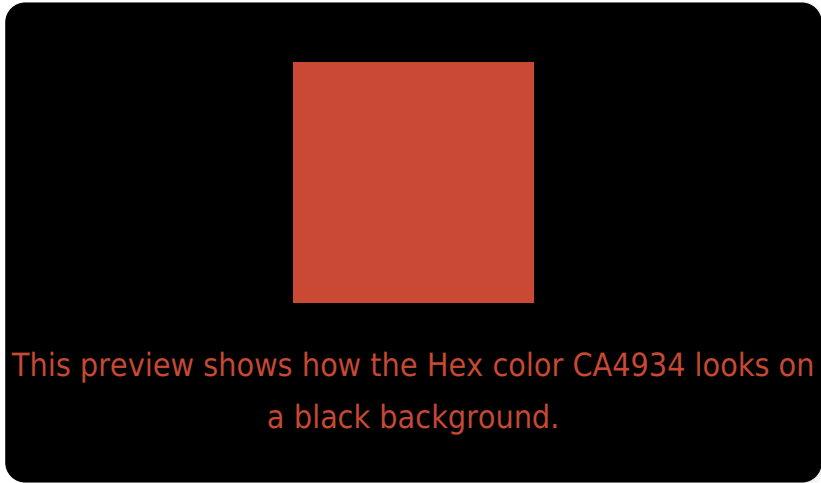
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA4934 Background



This preview shows how black text looks on a background with the Hex color CA4934.

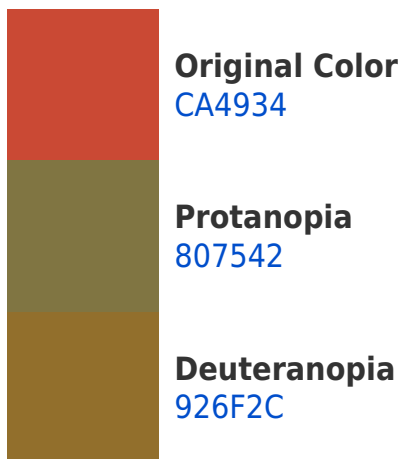


This preview shows how white text looks on a background with the Hex color CA4934.

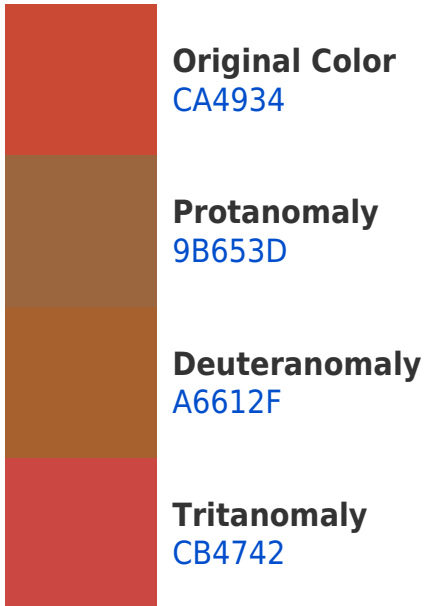
Color Blindness Simulation

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](#).

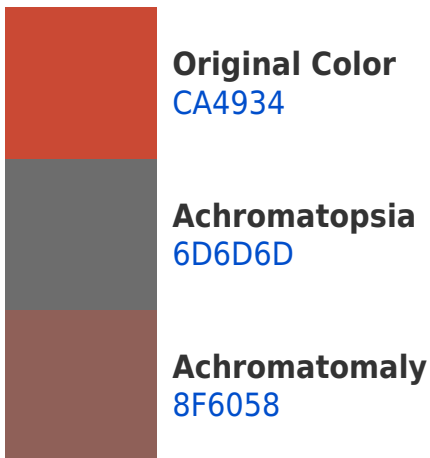
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4934 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 #CA4934 looks like.

```
.text, #text, p{  
    color:#CA4934  
}
```

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 #CA4934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4934  
}
```

Border

The CSS property to change the border of an element to Hex CA4934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

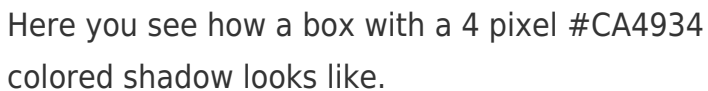
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CA4934 }
```

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

```
.border{ border-color:#CA4934 }
```

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



Here you see how a box with a 4 pixel `#CA4934` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4934; -webkit-box-shadow:4px 4px  
4px 4px #CA4934; box-shadow:4px 4px 4px  
4px #CA4934 }
```

Background

The CSS property to change the background color of an element to Hex CA4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4934 }
```

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

```
.background{ background-color:#CA4934 }
```

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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