

# Converting Colors

Hex(CB541A)

Have a look what the booklet for  
Hex(CB541A) contains.

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**Color**

**Hex(CB541A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB541A
RGB	203, 84, 26
RGB Percent	80%, 33%, 10%
CMY	0.2039, 0.6706, 0.8980
CMYK	0.00, 0.59, 0.87, 0.20
HSL	20°, 77%, 45%
HSV	20°, 87%, 80%
XYZ	27.9854, 19.1117, 3.1912
YIQ	112.9690, 89.5420, 7.1900

# Conversions

## Conversions Part 2

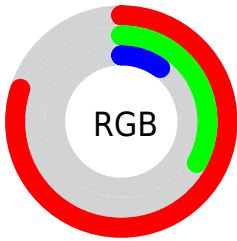
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 112, 26
Decimal	13325338
CIE <sub>Lab</sub>	50.82, 44.63, 53.54
CIE <sub>LCh</sub>	51, 69.700, 50.187
Yxy	19.1117, 0.5565, 0.3800
Android (android.graphics.Color)	4291515418 (0xFFCB541A)
YUV	112.9690, -42.8757, 78.9572
Hunter-Lab	43.7170, 37.7619, 26.2739

# Details

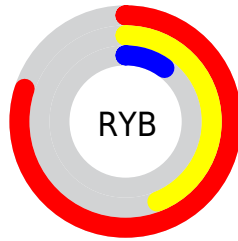
The Hex color **CB541A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1A91CB**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF894D**, and **8D1E00** is the 20% darker color. If you saturate the color by 10%, you get **CB4606**, and if you desaturate by 10%, it is **CB622E**.

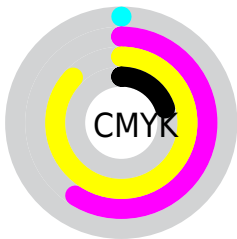
# Distribution



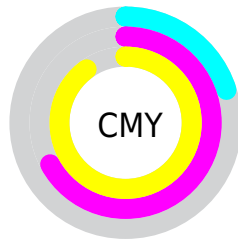
- Red (80%)
- Green (33%)
- Blue (10%)



- Red (80%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (59%)
- Yellow (87%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB541A 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 CB541A by changing the saturation by 10% instead.



 CB541A

 CB541A

FFFFFF

 AC3A00

 FF894D

 8D1E00

 FFA466

 6F0000

 FFC080

 510000

 FFDD9B

 370002

 FFFAB6

 0D0000

 FFFFD2

 000000

 FFFFEE

 CB541A

 CB541A

 CB4606

 CB622E

 CB4300

 CB6F43

 CB7D57

 CB8B6B

 CB987F

 CBA694

 CBB4A8

 CBC1BC

 CBCFD1

# Harmonies

## Analogous

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



E03654



CB541A



A36F00

# Triad

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



CB541A



009263



4272EA

# Complementary

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



CB541A



1A91CB

# 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.



0086EF



CB541A



0093A1

# Square

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



CB541A



008D23



0090D4



AC54C6

# Rectangle

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



CB541A



807D00



0090D4



007AEF



# Sweetspot

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



CB541A



FFD2BD



CB1A93



806558



000000



808080



# Same Dimension

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



CB541A



FF5400



CBAB1A



665F5C



A63600



260D00



# Inverse Universe

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



1A91CB



00ABFF



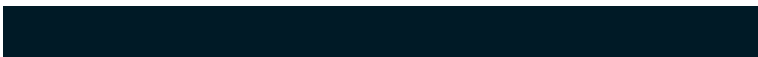
1A3ACB



5C6366



006FA6



001A26



# Previews

## White Background



This preview shows how the Hex color CB541A looks on a white background.

## Color Contrast Check

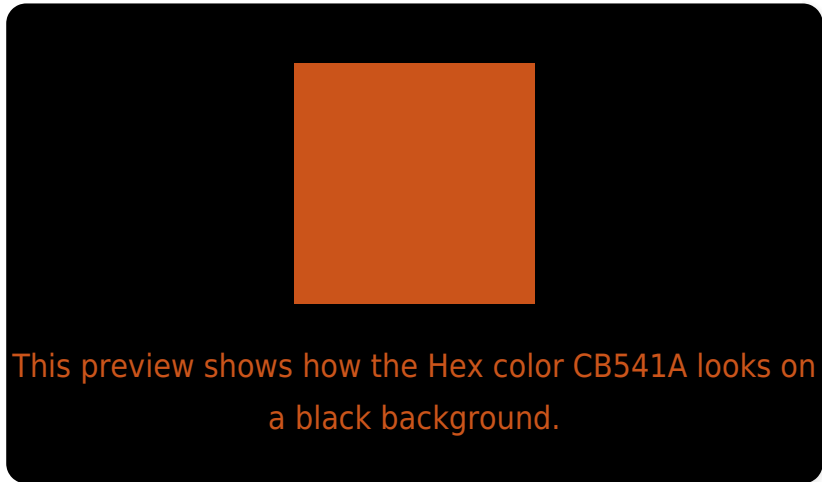
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 CB541A Background



This preview shows how black text looks on a background with the Hex color CB541A.



This preview shows how white text looks on a background with the Hex color CB541A.

# 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**  
CB541A

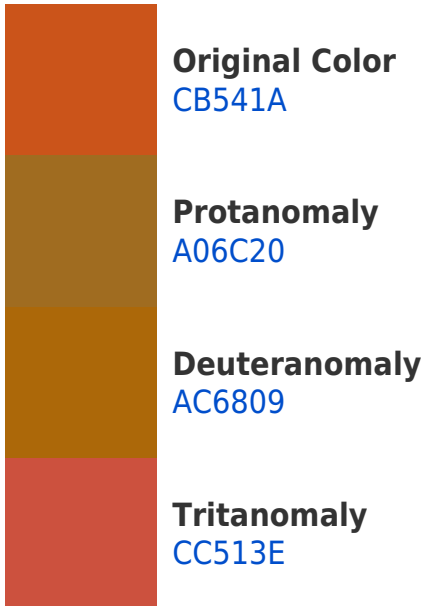
**Protanopia**  
887A24

**Deuteranopia**  
9A7300



**Tritanopia**  
CD4F53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB541A 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 #CB541A looks like.

```
.text, #text, p{  
    color:#CB541A  
}
```

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 #CB541A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB541A
}
```

## Border

The CSS property to change the border of an element to Hex CB541A 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
#CB541A }
```

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

```
.border{ border-color:#CB541A }
```

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

Here you see how a box with a 4 pixel #CB541A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB541A; -webkit-box-shadow:4px 4px  
4px 4px #CB541A; box-shadow:4px 4px 4px  
4px #CB541A }
```

# Background

The CSS property to change the background color of an element to Hex CB541A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB541A }
```

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

```
.background{ background-color:#CB541A }
```

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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