

# Converting Colors

Hex(C34B18)

Have a look what the booklet for  
Hex(C34B18) contains.

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**Color**

**Hex(C34B18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C34B18
RGB	195, 75, 24
RGB Percent	76%, 29%, 9%
CMY	0.2353, 0.7059, 0.9059
CMYK	0.00, 0.62, 0.88, 0.24
HSL	18°, 78%, 43%
HSV	18°, 88%, 76%
XYZ	25.1866, 16.7002, 2.7601
YIQ	105.0660, 87.8910, 9.5790

# Conversions

## Conversions Part 2

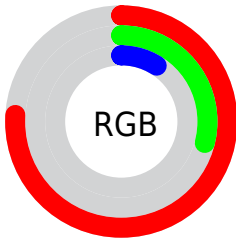
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 97, 24
Decimal	12798744
CIELab	47.88, 45.81, 51.39
CIElCh	48, 68.841, 48.284
Yxy	16.7002, 0.5641, 0.3741
Android (android.graphics.Color)	4290988824 (0xFFC34B18)
YUV	105.0660, -39.9655, 78.8721
Hunter-Lab	40.8659, 38.4985, 24.6016

# Details

The Hex color **C34B18** 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 **1890C3**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF804A**, and **851200** is the 20% darker color. If you saturate the color by 10%, you get **C33D05**, and if you desaturate by 10%, it is **C3592B**.

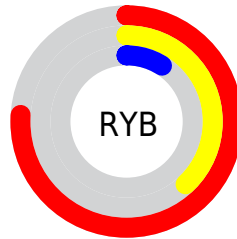
# Distribution



Red (76%)

Green (29%)

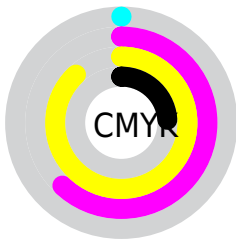
Blue (9%)



Red (76%)

Yellow (38%)

Blue (9%)

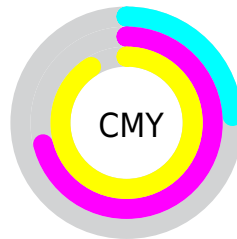


Cyan (0%)

Magenta (62%)

Yellow (88%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C34B18 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 C34B18 by changing the saturation by 10% instead.



 C34B18

 C34B18

FFFFFF

 A43000

 FF804A

 851200

 FF9B63

 670000

 FFB77D

 4A0000

 FFD397

 300002

 FFF0B2

 000000

 FFFFCE

 FFFFEB

 C34B18

 C34B18

 C33D05

 C3592B

 C33A00

 C3663F

 C37452

 C38266

 C38F7A

 C39D8D

 C3ABA0

 C3B8B4

 C3C6C7

# Harmonies

## Analogous

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



D62D51



C34B18



9C6700

# Triad

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



C34B18



008958



286CE1

# Complementary

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



C34B18



1890C3

# 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.



007FE4



C34B18



008B95

# Square

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



C34B18



078418



0088C8



9F4FC0

# Rectangle

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



C34B18



7B7400



0088C8



0074E6



# Sweetspot

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



C34B18



FCCEBB



C31893



806458



000000



808080



# Same Dimension

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



C34B18



FC4B00



C39E18



615A57



A13000



210A00

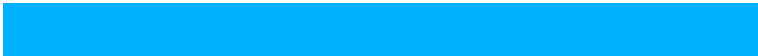


# Inverse Universe

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



1890C3



00B1FC



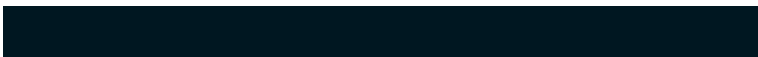
183DC3



575E61



0071A1



001721



# Previews

## White Background



This preview shows how the Hex color C34B18 looks on a white background.

## Color Contrast Check

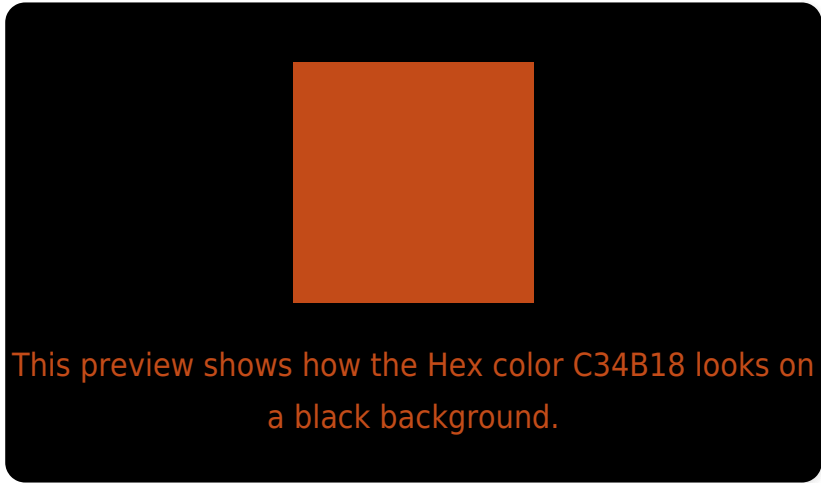
Large Text (above 18pt) WCAG AA ✓ Pass

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 C34B18 Background



This preview shows how black text looks on a background with the Hex color C34B18.



This preview shows how white text looks on a background with the Hex color C34B18.

# 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**  
C34B18

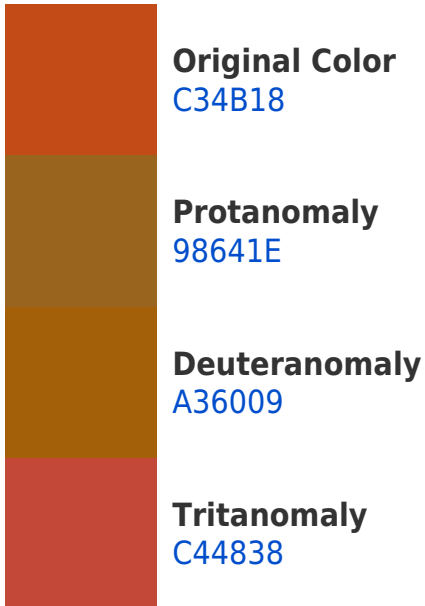
**Protanopia**  
807322

**Deuteranopia**  
916C00

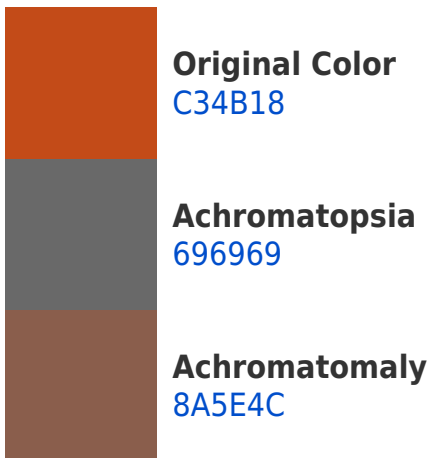


**Tritanopia**  
C5464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C34B18 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 #C34B18 looks like.

```
.text, #text, p{  
    color:#C34B18  
}
```

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 #C34B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34B18
}
```

## Border

The CSS property to change the border of an element to Hex C34B18 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
#C34B18 }
```

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

```
.border{ border-color:#C34B18 }
```

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

Here you see how a box with a 4 pixel #C34B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34B18; -webkit-box-shadow:4px 4px  
4px 4px #C34B18; box-shadow:4px 4px 4px  
4px #C34B18 }
```

# Background

The CSS property to change the background color of an element to Hex C34B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34B18 }
```

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

```
.background{ background-color:#C34B18 }
```

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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