

# Converting Colors

Hex(CB3434)

Have a look what the booklet for  
Hex(CB3434) contains.

<b>Hex(CB3434)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CB3434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB3434
RGB	203, 52, 52
RGB Percent	80%, 20%, 20%
CMY	0.2039, 0.7961, 0.7961
CMYK	0.00, 0.74, 0.74, 0.20
HSL	0°, 59%, 50%
HSV	0°, 74%, 80%
XYZ	26.4764, 15.4004, 4.8259
YIQ	97.1490, 89.9960, 32.0120

# Conversions

## Conversions Part 2

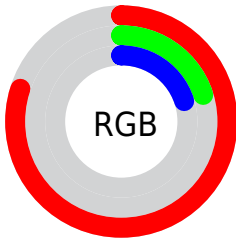
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">203, 52, 52</a>
Decimal	<a href="#">13317172</a>
CIELab	<a href="#">46.18, 58.54, 36.42</a>
CIELCh	<a href="#">46, 68.945, 31.891</a>
Yxy	<a href="#">15.4004, 0.5669, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4291507252 (0xFFCB3434)</a>
YUV	<a href="#">97.1490, -22.2585, 92.8313</a>
Hunter-Lab	<a href="#">39.2434, 51.7531, 20.1792</a>

# Details

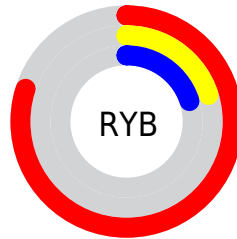
The Hex color **CB3434** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34CBCB**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6E63**, and **8D0008** is the 20% darker color. If you saturate the color by 10%, you get **CB2020**, and if you desaturate by 10%, it is **CB4848**.

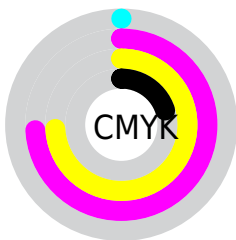
# Distribution



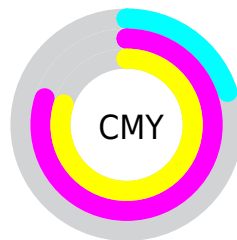
- Red (80%)
- Green (20%)
- Blue (20%)



- Red (80%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3434 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 CB3434 by changing the saturation by 10% instead.



 CB3434

 CB3434

FFFFFF

 AC0C1E

 FF6E63

 8D0008

 FF8A7C

 6E0000

 FFA696

 500001

 FFC3B1

 340002

 FFE0CD

 000000

 FFFEE9

 CB3434

 CB3434

 CB2020

 CB4848

 CB0B0B

 CB5D5D

 CB0000

 CB7171

 CB8585

 CB9A9A

 CBAEAE

 CBC2C2

 CBD6D6

 CBEBEB

# Harmonies

## Analogous

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



CF1F6C



CB3434



AE5400

# Triad

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



CB3434



008332



0074E2

# Complementary

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



CB3434



34CBCB

# 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.



0081D4



CB3434



008670

# Square

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



CB3434



467B00



0086A9



6C5CD1

# Rectangle

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



CB3434



926500



0086A9



0079E1



# Sweetspot

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



CB3434



FFC7C7



CB34CB



805E5E



000000



808080



# Same Dimension

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



CB3434



FF1C1C



CB8034



665C5C



A60000



260000



# Inverse Universe

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



34CBCB



1CFFFF



3480CB



5C6666



00A6A6



002626



# Previews

## White Background



This preview shows how the Hex color CB3434 looks on a white background.

## Color Contrast Check

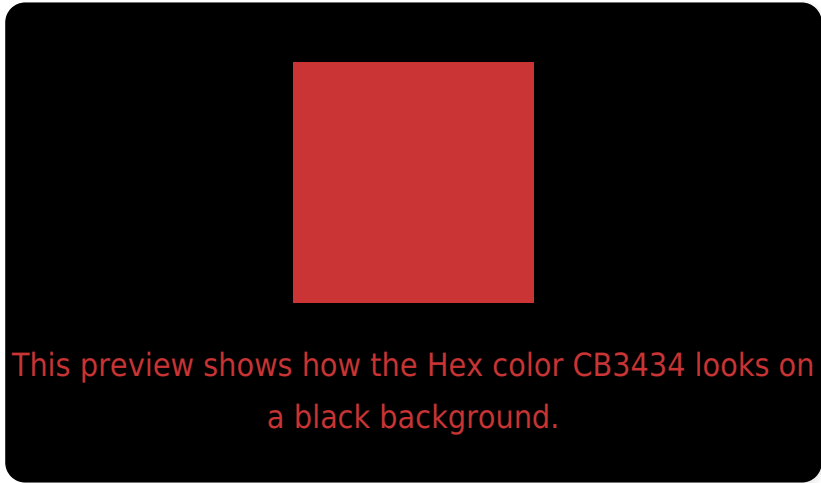
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3434 Background



This preview shows how black text looks on a background with the Hex color CB3434.



This preview shows how white text looks on a background with the Hex color CB3434.

# 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**  
CB3434

**Protanopia**  
786E47

**Deuteranopia**  
89692A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3434 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 #CB3434 looks like.

```
.text, #text, p{  
    color:#CB3434  
}
```

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 #CB3434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3434
}
```

## Border

The CSS property to change the border of an element to Hex CB3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

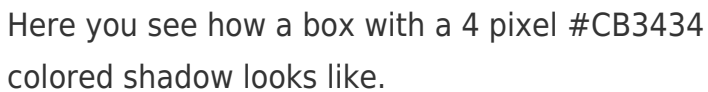
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB3434 }
```

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

```
.border{ border-color:#CB3434 }
```

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



Here you see how a box with a 4 pixel `#CB3434` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3434; -webkit-box-shadow:4px 4px  
4px 4px #CB3434; box-shadow:4px 4px 4px  
4px #CB3434 }
```

# Background

The CSS property to change the background color of an element to Hex CB3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3434 }
```

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

```
.background{ background-color:#CB3434 }
```

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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