

Converting Colors

Hex(C83535)

Have a look what the booklet for
Hex(C83535) contains.

Hex(C83535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C83535)

Conversions

Conversions Part 1

Format	Color
Hex	C83535
RGB	200, 53, 53
RGB Percent	78%, 21%, 21%
CMY	0.2157, 0.7922, 0.7922
CMYK	0.00, 0.73, 0.73, 0.22
HSL	0°, 58%, 50%
HSV	0°, 74%, 78%
XYZ	25.7351, 15.0826, 4.9230
YIQ	96.9530, 87.6120, 31.1640

Conversions

Conversions Part 2

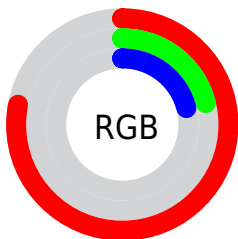
Format	Color
R_{YB}	200, 53, 53
Decimal	13120821
CIE Lab	45.75, 57.32, 35.21
CIE LCh	46, 67.269, 31.562
Yxy	15.0826, 0.5626, 0.3297
Android (android.graphics.Color)	4291310901 (0xFFC83535)
YUV	96.9530, -21.6688, 90.3722
Hunter-Lab	38.8363, 50.3205, 19.6697

Details

The Hex color **C83535** 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 **35C8C8**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6E64**, and **8A000A** is the 20% darker color. If you saturate the color by 10%, you get **C82121**, and if you desaturate by 10%, it is **C84949**.

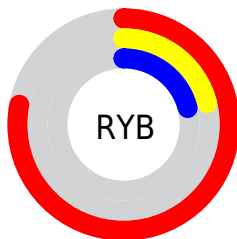
Distribution



Red (78%)

Green (21%)

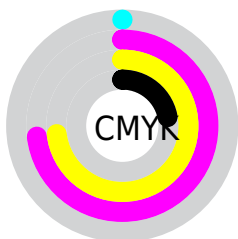
Blue (21%)



Red (78%)

Yellow (21%)

Blue (21%)

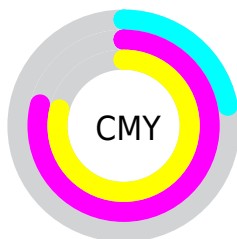


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (22%)



Cyan (22%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83535 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 C83535 by changing the saturation by 10% instead.

 C83535

 C83535

FFFFFF

 A9101F

 FF6E64

 8A000A

 FF8A7D

 6C0000

 FFA697

 4D0001

 FFC3B2

 310002

 FFE0CE

 000000

 FFFEEA

 C83535

 C83535

 C82121

 C84949

 C80D0D

 C85D5D

 C80000

 C87171

 C88585

 C89999

 C8ADAD

 C8C1C1

 C8D5D5

 C8E9E9

Harmonies

Analogous

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



CC226C



C83535



AC5400

Triad

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



C83535



008132



0073DE

Complementary

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



C83535



35C8C8

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.



007FD0



C83535



00846E

Square

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



C83535



477900



0084A6



6A5CCD

Rectangle

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



C83535



916400



0084A6



0078DD

Sweetspot

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



C83535



FFC7C7



C835C8



805E5E



000000



808080

Same Dimension

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



C83535



FF1F1F



C87F35



635A5A



A30000



240000

Inverse Universe

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



35C8C8



1FFFFFF



357FC8



5A6363



00A3A3



002424

Previews

White Background



This preview shows how the Hex color C83535 looks on a white background.

Color Contrast Check

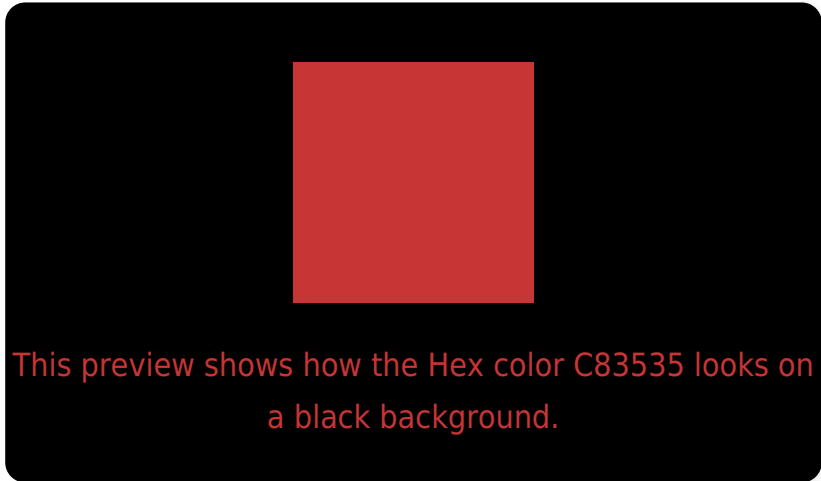
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83535 Background



This preview shows how black text looks on a background with the Hex color C83535.



This preview shows how white text looks on a background with the Hex color C83535.

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





Tritanopia
C83537

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83535 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 #C83535 looks like.

```
.text, #text, p{  
    color:#C83535  
}
```

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 #C83535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83535
}
```

Border

The CSS property to change the border of an element to Hex C83535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

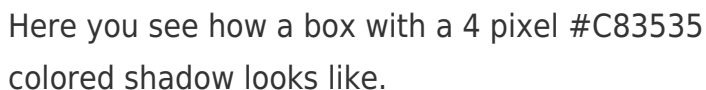
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C83535 }
```

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

```
.border{ border-color:#C83535 }
```

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



Here you see how a box with a 4 pixel `#C83535` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83535; -webkit-box-shadow:4px 4px  
4px 4px #C83535; box-shadow:4px 4px 4px  
4px #C83535 }
```

Background

The CSS property to change the background color of an element to Hex C83535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83535 }
```

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

```
.background{ background-color:#C83535 }
```

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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