

Converting Colors

Hex(CC3B31)

Have a look what the booklet for
Hex(CC3B31) contains.

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Color

Hex(CC3B31)

Conversions

Conversions Part 1

Format	Color
Hex	CC3B31
RGB	204, 59, 49
RGB Percent	80%, 23%, 19%
CMY	0.2000, 0.7686, 0.8078
CMYK	0.00, 0.71, 0.76, 0.20
HSL	4°, 61%, 50%
HSV	4°, 76%, 80%
XYZ	27.0202, 16.1870, 4.6060
YIQ	101.2150, 89.6300, 27.6300

Conversions

Conversions Part 2

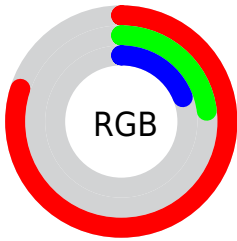
Format	Color
RYB	204, 60, 49
Decimal	13384497
CIELab	47.22, 56.27, 39.31
CIELCh	47, 68.642, 34.939
Yxy	16.1870, 0.5651, 0.3385
Android (android.graphics.Color)	4291574577 (0xFFCC3B31)
YUV	101.2150, -25.7420, 90.1424
Hunter-Lab	40.2331, 49.4709, 21.3755

Details

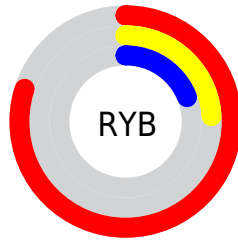
The Hex color **CC3B31** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31C2CC**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7360**, and **8E0004** is the 20% darker color. If you saturate the color by 10%, you get **CC281D**, and if you desaturate by 10%, it is **CC4E45**.

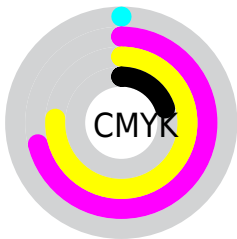
Distribution



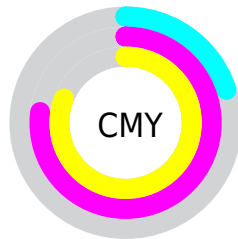
- Red (80%)
- Green (23%)
- Blue (19%)



- Red (80%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (71%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC3B31 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 CC3B31 by changing the saturation by 10% instead.

 CC3B31

 CC3B31

FFFFFF

 AD1A1B

 FF7360

 8E0004

 FF8F79

 6F0000

 FFAB93

 510000

 FFC8AE

 350002

 FFE5CA

 030000

 FFFFE6

 000000

 CC3B31

 CC3B31

 CC281D

 CC4E45

 CC1508

 CC615A

 CC0D00

 CC746E

 CC8783

 CC9A97

 CCAEAB

 CCC1C0

 CCD4D4

 CCE7E9

Harmonies

Analogous

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



D32469



CC3B31



AD5A00

Triad

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



CC3B31



00863B



0074E4

Complementary

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



CC3B31



31C2CC

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.



0083D9



CC3B31



008978

Square

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



CC3B31



417F00



0088B1



795BD0

Rectangle

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



CC3B31



906A00



0088B1



007AE4

Sweetspot

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



CC3B31



FFC8C4



CC31C4



805E5C



000000



808080

Same Dimension

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



CC3B31



FF2617



CC8631



665C5C



A60B00



260200

Inverse Universe

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



31C2CC



17F0FF



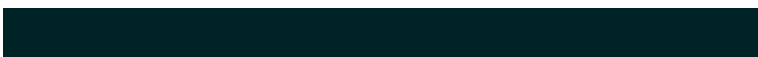
3177CC



5C6566



009BA6



002426

Previews

White Background



This preview shows how the Hex color CC3B31 looks on a white background.

Color Contrast Check

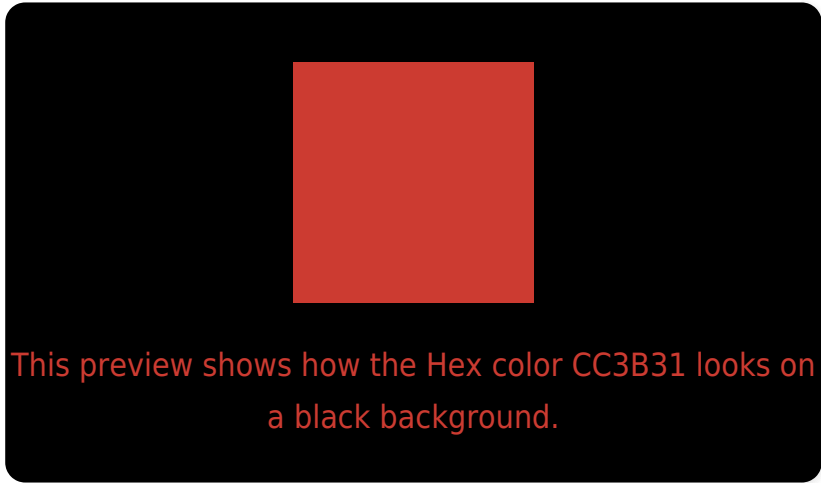
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3B31 Background



This preview shows how black text looks on a background with the Hex color CC3B31.



This preview shows how white text looks on a background with the Hex color CC3B31.

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

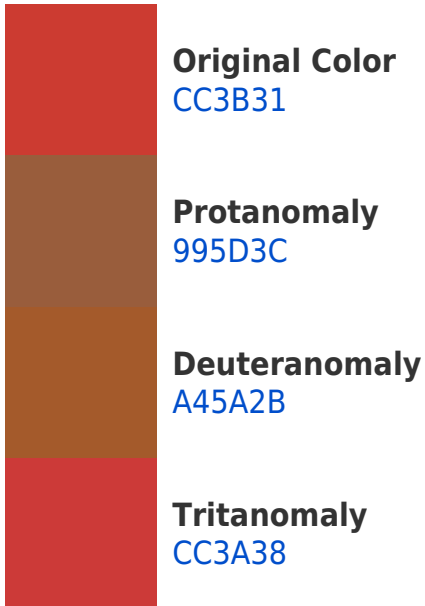


Original Color
CC3B31

Protanopia
7C7142

Deuteranopia
8D6B27

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC3B31 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 #CC3B31 looks like.

```
.text, #text, p{  
    color:#CC3B31  
}
```

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 #CC3B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3B31
}
```

Border

The CSS property to change the border of an element to Hex CC3B31 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
#CC3B31 }
```

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

```
.border{ border-color:#CC3B31 }
```

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

Here you see how a box with a 4 pixel #CC3B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3B31; -webkit-box-shadow:4px 4px  
4px 4px #CC3B31; box-shadow:4px 4px 4px  
4px #CC3B31 }
```

Background

The CSS property to change the background color of an element to Hex CC3B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3B31 }
```

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

```
.background{ background-color:#CC3B31 }
```

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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