

Converting Colors

Hex(CC3A33)

Have a look what the booklet for
Hex(CC3A33) contains.

Hex(CC3A33)	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(CC3A33)

Conversions

Conversions Part 1

Format	Color
Hex	CC3A33
RGB	204, 58, 51
RGB Percent	80%, 23%, 20%
CMY	0.2000, 0.7725, 0.8000
CMYK	0.00, 0.72, 0.75, 0.20
HSL	3°, 60%, 50%
HSV	3°, 75%, 80%
XYZ	27.0124, 16.1025, 4.8163
YIQ	100.8560, 89.2630, 28.7750

Conversions

Conversions Part 2

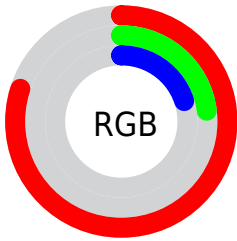
Format	Color
RYB	204, 58, 51
Decimal	13384243
CIELab	47.11, 56.71, 38.08
CIElCh	47, 68.310, 33.876
Yxy	16.1025, 0.5636, 0.3359
Android (android.graphics.Color)	4291574323 (0xFFCC3A33)
YUV	100.8560, -24.5790, 90.4573
Hunter-Lab	40.1279, 49.9349, 20.9733

Details

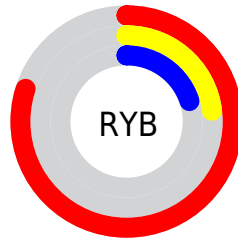
The Hex color **CC3A33** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33C5CC**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7362**, and **8E0007** is the 20% darker color. If you saturate the color by 10%, you get **CC271F**, and if you desaturate by 10%, it is **CC4D47**.

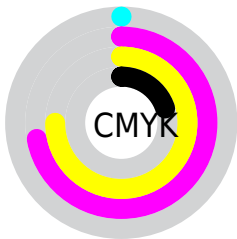
Distribution



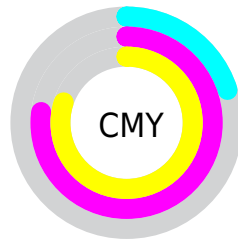
- Red (80%)
- Green (23%)
- Blue (20%)



- Red (80%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (72%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC3A33 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 CC3A33 by changing the saturation by 10% instead.

 CC3A33

 CC3A33

FFFFFF

 AD181D

 FF7362

 8E0007

 FF8E7B

 6F0000

 FFAB95

 510000

 FFC7B0

 350002

 FFE4CC

 030000

 FFFFEE

 000000

 CC3A33

 CC3A33

 CC271F

 CC4D47

 CC130A

 CC615C

 CC0900

 CC7470

 CC8885

 CC9B99

 CCAFAD

 CCC2C2

 CCD6D6

 CCE9EB

Harmonies

Analogous

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



D2256B



CC3A33



AE5900

Triad

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



CC3A33



008539



0075E4

Complementary

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



CC3A33



33C5CC

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.



0083D7



CC3A33



008876

Square

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



CC3A33



447E00



0088AF



755CD0

Rectangle

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



CC3A33



916900



0088AF



007BE3

Sweetspot

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



CC3A33



FFC7C4



CC33C7



805D5C



000000



808080

Same Dimension

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



CC3A33



FF2419



CC8533



665C5C



A60800



260200

Inverse Universe

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



33C5CC



19F4FF



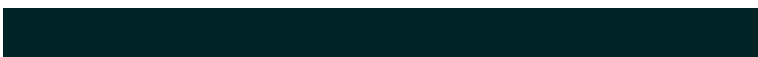
337ACC



5C6666



009EA6



002426

Previews

White Background



This preview shows how the Hex color CC3A33 looks on a white background.

Color Contrast Check

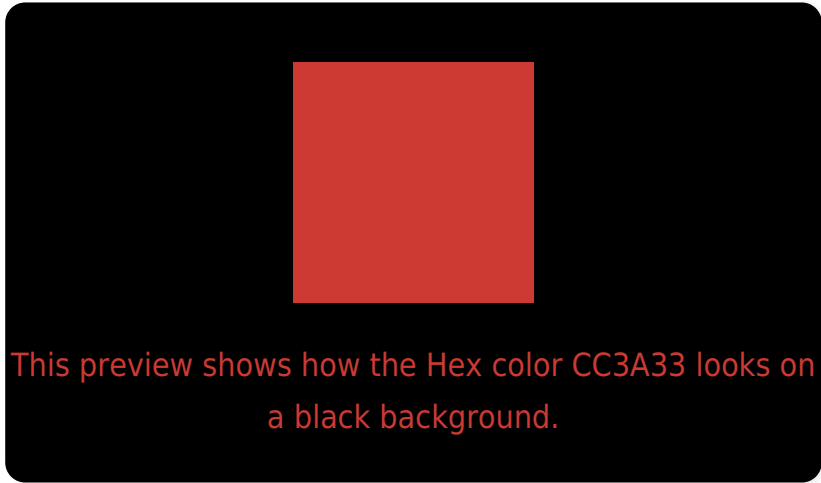
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3A33 Background



This preview shows how black text looks on a background with the Hex color CC3A33.



This preview shows how white text looks on a background with the Hex color CC3A33.

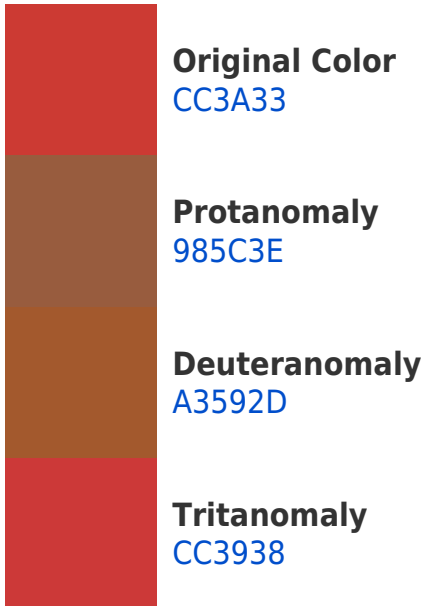
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC3A33 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 #CC3A33 looks like.

```
.text, #text, p{  
    color:#CC3A33  
}
```

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 #CC3A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3A33
}
```

Border

The CSS property to change the border of an element to Hex CC3A33 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
#CC3A33 }
```

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

```
.border{ border-color:#CC3A33 }
```

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

Here you see how a box with a 4 pixel #CC3A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3A33; -webkit-box-shadow:4px 4px  
4px 4px #CC3A33; box-shadow:4px 4px 4px  
4px #CC3A33 }
```

Background

The CSS property to change the background color of an element to Hex CC3A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3A33 }
```

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

```
.background{ background-color:#CC3A33 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor