

Converting Colors

Hex(C3322A)

Have a look what the booklet for
Hex(C3322A) contains.

Hex(C3322A)	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(C3322A)

Conversions

Conversions Part 1

Format	Color
Hex	C3322A
RGB	195, 50, 42
RGB Percent	76%, 20%, 16%
CMY	0.2353, 0.8039, 0.8353
CMYK	0.00, 0.74, 0.78, 0.24
HSL	3°, 65%, 46%
HSV	3°, 78%, 76%
XYZ	24.0642, 14.0505, 3.6342
YIQ	92.4430, 88.9880, 28.2520

Conversions

Conversions Part 2

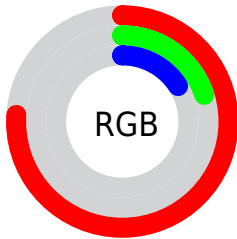
Format	Color
RYB	195, 50, 42
Decimal	12792362
CIELab	44.31, 56.37, 39.58
CIELCh	44, 68.882, 35.073
Yxy	14.0505, 0.5764, 0.3365
Android (android.graphics.Color)	4290982442 (0xFFC3322A)
YUV	92.4430, -24.8684, 89.9425
Hunter-Lab	37.4840, 48.9977, 20.4904

Details

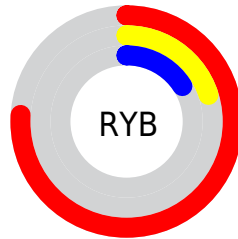
The Hex color **C3322A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2ABBC3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6B59**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C32016**, and if you desaturate by 10%, it is **C3443D**.

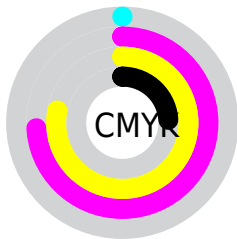
Distribution



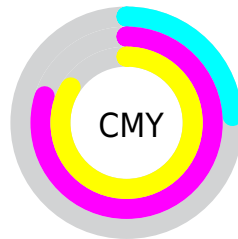
- Red (76%)
- Green (20%)
- Blue (16%)



- Red (76%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3322A 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 C3322A by changing the saturation by 10% instead.

 C3322A

 C3322A

FFFFFF

 A40B14

 FF6B59

 850000

 FF8771

 660000

 FFA38B

 490001

 FFBFA6

 2C0001

 FFDCC1

 000000

 FFFADD

 FFFFFA

 C3322A

 C3322A

 C32016

 C3443D

 C30D03

 C35751

 C30A00

 C36964

 C37C78

 C38E8B

 C3A19F

 C3B3B3

 C3C6C6

 C3D8DA

Harmonies

Analogous

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



CB1562



C3322A



A45300

Triad

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



C3322A



007E35



006DDC

Complementary

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



C3322A



2ABBC3

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.



007BD1



C3322A



008171

Square

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



C3322A



397700



0081AA



7154C8

Rectangle

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



C3322A



886300



0081AA



0073DC

Sweetspot

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



C3322A



FCC3C0



C32ABB



805C5B



000000



808080

Same Dimension

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



C3322A



FC1C0F



C37E2A



615857



A10800



210200

Inverse Universe

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



2ABBC3



0FF0FC



2A6FC3



576061



0098A1



001F21

Previews

White Background



This preview shows how the Hex color C3322A looks on a white background.

Color Contrast Check

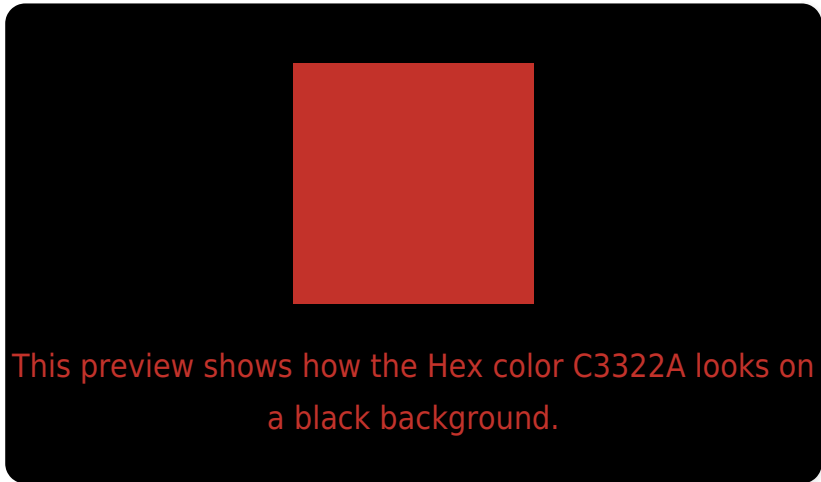
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3322A Background



This preview shows how black text looks on a background with the Hex color C3322A.



This preview shows how white text looks on a background with the Hex color C3322A.

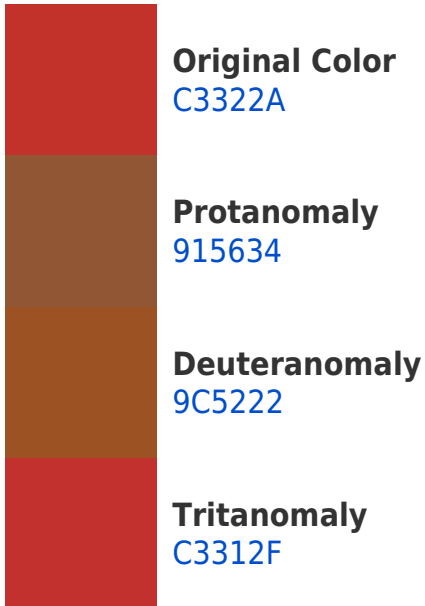
Color Blindness Simulation

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](#).

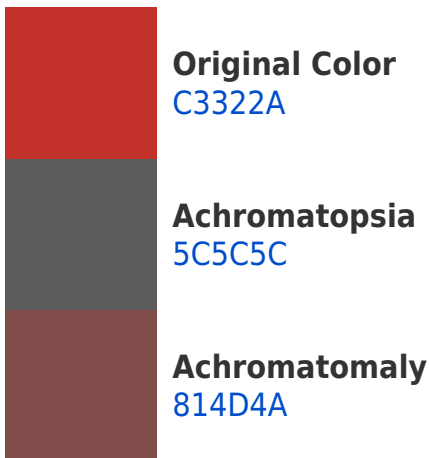
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3322A 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 #C3322A looks like.

```
.text, #text, p{  
    color:#C3322A  
}
```

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 #C3322A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3322A
}
```

Border

The CSS property to change the border of an element to Hex C3322A is called "border". The border property can be set on classes, ids or directly on the HTML element.

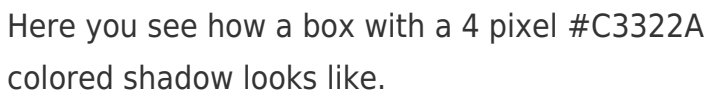
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3322A }
```

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

```
.border{ border-color:#C3322A }
```

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



Here you see how a box with a 4 pixel `#C3322A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3322A; -webkit-box-shadow:4px 4px  
4px 4px #C3322A; box-shadow:4px 4px 4px  
4px #C3322A }
```

Background

The CSS property to change the background color of an element to Hex C3322A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3322A }
```

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

```
.background{ background-color:#C3322A }
```

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