

# Converting Colors

Hex(C3542A)

Have a look what the booklet for  
Hex(C3542A) contains.

<b>Hex(C3542A)</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(C3542A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3542A
RGB	195, 84, 42
RGB Percent	76%, 33%, 16%
CMY	0.2353, 0.6706, 0.8353
CMYK	0.00, 0.57, 0.78, 0.24
HSL	16°, 65%, 46%
HSV	16°, 78%, 76%
XYZ	26.0939, 18.1099, 4.3108
YIQ	112.4010, 79.6380, 10.4700

# Conversions

## Conversions Part 2

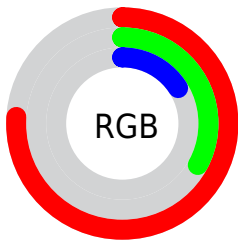
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 100, 42
Decimal	12801066
CIE Lab	49.63, 42.08, 44.99
CIE LCh	50, 61.602, 46.913
Yxy	18.1099, 0.5379, 0.3733
Android (android.graphics.Color)	4290991146 (0xFFC3542A)
YUV	112.4010, -34.7077, 72.4393
Hunter-Lab	42.5557, 34.9783, 23.7832

# Details

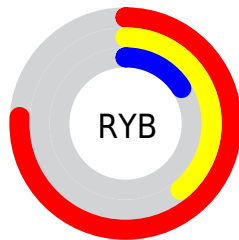
The Hex color **C3542A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2A99C3**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF895A**, and **862000** is the 20% darker color. If you saturate the color by 10%, you get **C34616**, and if you desaturate by 10%, it is **C3623D**.

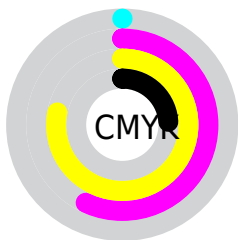
# Distribution



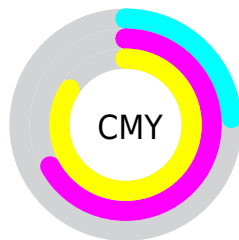
- Red (76%)
- Green (33%)
- Blue (16%)



- Red (76%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (57%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3542A 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 C3542A by changing the saturation by 10% instead.



 C3542A

 C3542A

FFFFFF

 A43A12

 FF895A

 862000

 FFA474

 690000

 FFC08E

 4B0000

 FFDCA8

 320002

 FFF9C4

 000000

 FFFFFE0

 FFFFFFFD

 C3542A

 C3542A

 C34616

 C3623D

 C33803

 C37051

 C33600

 C37E64

 C38D78

 C39B8B

 C3A99F

 C3B7B3

 C3C5C6

 C3D3DA

# Harmonies

## Analogous

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



D23F5B



C3542A



A16B00

# Triad

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



C3542A



008C5C



3D72DB

# Complementary

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



C3542A



2A99C3

# 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.



0083DC



C3542A



008E93

# Square

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



C3542A



308727



008BC2



9D5ABE

# Rectangle

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



C3542A



837800



008BC2



0078DF



# Sweetspot

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



C3542A



FCD0C0



C32A9A



80655B



000000



808080



# Same Dimension

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



C3542A



FC500F



C39F2A



615A57



A12C00



210900



# Inverse Universe

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



2A99C3



0FBBFC



2A4EC3



575E61



0075A1

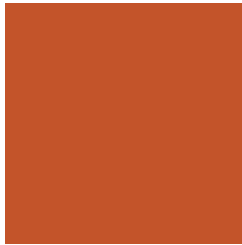


001821



# Previews

## White Background



This preview shows how the Hex color C3542A looks on a white background.

## Color Contrast Check

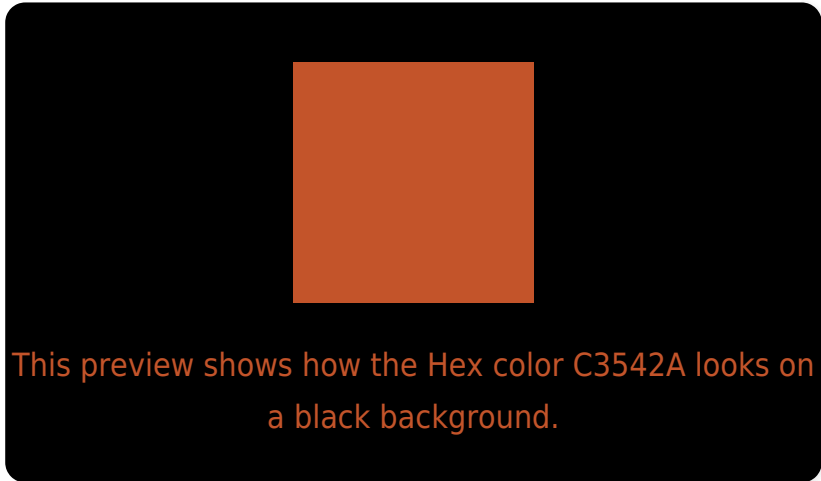
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3542A Background



This preview shows how black text looks on a background with the Hex color C3542A.



This preview shows how white text looks on a background with the Hex color C3542A.

# 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**  
C3542A

**Protanopia**  
847734

**Deuteranopia**  
957121



**Tritanopia**  
C54F54

# Trichromacy



**Original Color**  
C3542A

**Protanomaly**  
9B6A30

**Deuteranomaly**  
A66624

**Tritanomaly**  
C45145

# Monochromacy



**Original Color**  
C3542A

**Achromatopsia**  
707070

**Achromatomaly**  
8E6657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3542A 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 #C3542A looks like.

```
.text, #text, p{  
    color:#C3542A  
}
```

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 #C3542A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3542A
}
```

## Border

The CSS property to change the border of an element to Hex C3542A is called "border". The border property can be set on classes, ids or directly on the HTML element.

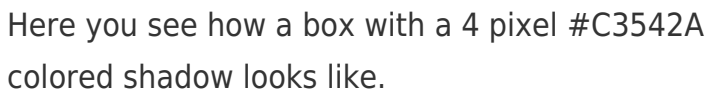
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3542A }
```

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

```
.border{ border-color:#C3542A }
```

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



Here you see how a box with a 4 pixel `#C3542A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3542A; -webkit-box-shadow:4px 4px  
4px 4px #C3542A; box-shadow:4px 4px 4px  
4px #C3542A }
```

# Background

The CSS property to change the background color of an element to Hex C3542A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3542A }
```

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

```
.background{ background-color:#C3542A }
```

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