

# Converting Colors

Hex(C4462A)

Have a look what the booklet for  
Hex(C4462A) contains.

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**Color**

**Hex(C4462A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4462A
RGB	196, 70, 42
RGB Percent	77%, 27%, 16%
CMY	0.2314, 0.7255, 0.8353
CMYK	0.00, 0.64, 0.79, 0.23
HSL	11°, 65%, 47%
HSV	11°, 79%, 77%
XYZ	25.3730, 16.2832, 3.9962
YIQ	104.4820, 84.0840, 18.0040

# Conversions

## Conversions Part 2

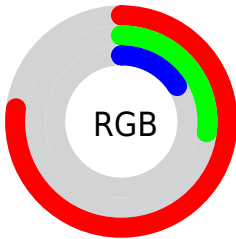
Format	Color
<a href="#">RYB</a>	196, 76, 42
Decimal	12863018
CIELab	47.34, 48.91, 42.75
CIElCh	47, 64.959, 41.154
Yxy	16.2832, 0.5558, 0.3567
Android (android.graphics.Color)	4291053098 (0xFFC4462A)
YUV	104.4820, -30.8036, 80.2613
Hunter-Lab	40.3525, 41.6211, 22.3752

# Details

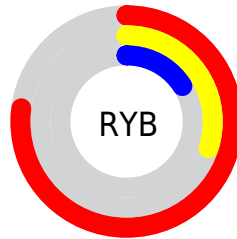
The Hex color **C4462A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AA8C4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7C5A**, and **870500** is the 20% darker color. If you saturate the color by 10%, you get **C43616**, and if you desaturate by 10%, it is **C4563E**.

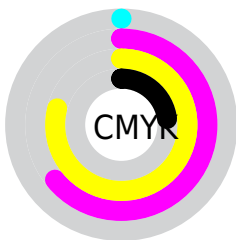
# Distribution



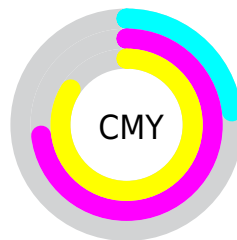
- Red (77%)
- Green (27%)
- Blue (16%)



- Red (77%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (79%)
- Black (23%)



- Cyan (23%)
- Magenta (73%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4462A 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 C4462A by changing the saturation by 10% instead.



 C4462A

 C4462A

FFFFFF

 A52A13

 FF7C5A

 870500

 FF9773

 680000

 FFB38C

 4B0000

 FFCFA7

 300002

 FFECC3

 000000

 FFFFDF

 FFFFFC

 C4462A

 C4462A

 C43616

 C4563E

 C42603

 C46651

 C42400

 C47665

 C48678

 C4968C

 C4A6A0

 C4B6B3

 C4C6C7

 C4D6DA

# Harmonies

## Analogous

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



D0305E



C4462A



A36100

# Triad

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



C4462A



00864B



0070DD

# Complementary

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



C4462A



2AA8C4

# 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.



0080D8



C4462A



008884

# Square

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



C4462A



35800B



0087B7



8B57C4

# Rectangle

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



C4462A



866F00



0087B7



0077DF



# Sweetspot

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



C4462A



FFCDC2



C42AAA



80615B



000000



808080



# Same Dimension

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



C4462A



FF3B0F



C4912A



615957



A11D00



210600



# Inverse Universe

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



2AA8C4



0FD3FF



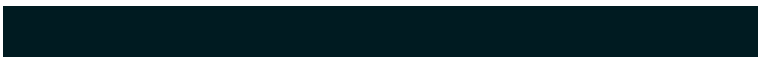
2A5DC4



575F61



0083A1

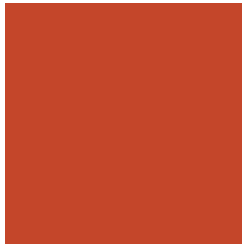


001B21



# Previews

## White Background



This preview shows how the Hex color C4462A looks on a white background.

## Color Contrast Check

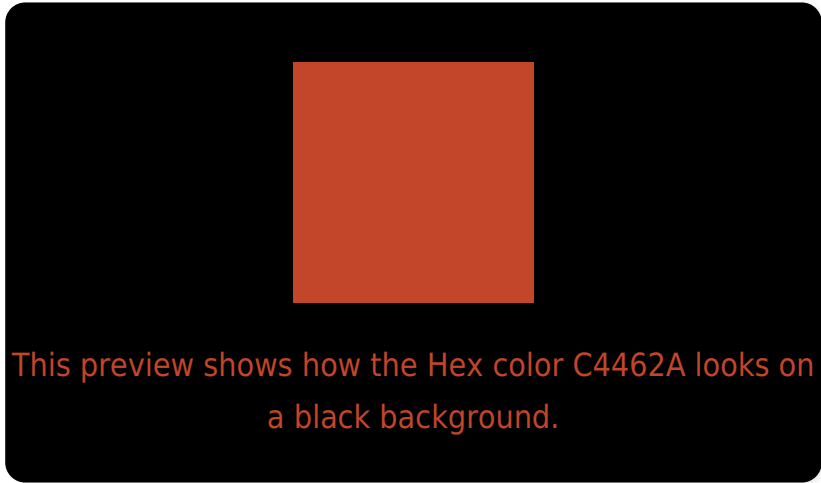
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4462A Background



This preview shows how black text looks on a background with the Hex color C4462A.



This preview shows how white text looks on a background with the Hex color C4462A.

# 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**  
C4462A

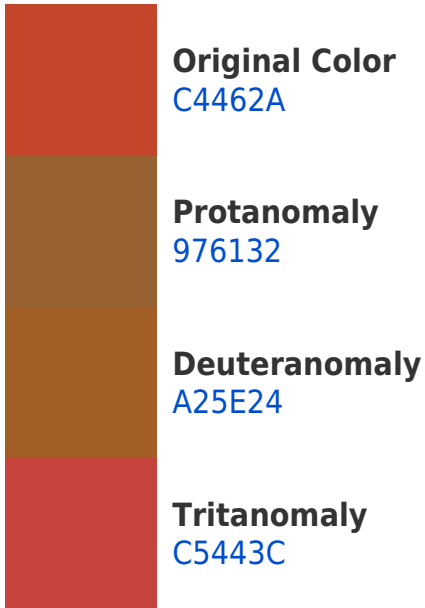
**Protanopia**  
7D7136

**Deuteranopia**  
8E6B20

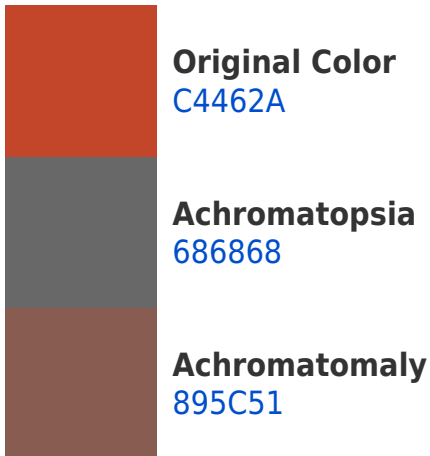


**Tritanopia**  
C54346

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4462A 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 #C4462A looks like.

```
.text, #text, p{  
    color:#C4462A  
}
```

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 #C4462A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4462A
}
```

## Border

The CSS property to change the border of an element to Hex C4462A is called "border". The border property can be set on classes, ids or directly on the HTML element.

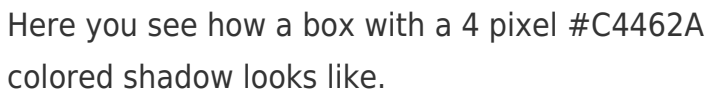
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4462A }
```

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

```
.border{ border-color:#C4462A }
```

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



Here you see how a box with a 4 pixel #C4462A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4462A; -webkit-box-shadow:4px 4px  
4px 4px #C4462A; box-shadow:4px 4px 4px  
4px #C4462A }
```

# Background

The CSS property to change the background color of an element to Hex C4462A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4462A }
```

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

```
.background{ background-color:#C4462A }
```

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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