

# Converting Colors

Hex(C74426)

Have a look what the booklet for  
Hex(C74426) contains.

<b>Hex(C74426)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C74426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74426
RGB	199, 68, 38
RGB Percent	78%, 27%, 15%
CMY	0.2196, 0.7333, 0.8510
CMYK	0.00, 0.66, 0.81, 0.22
HSL	11°, 68%, 46%
HSV	11°, 81%, 78%
XYZ	25.9702, 16.4163, 3.6336
YIQ	103.7490, 87.7060, 18.4420

# Conversions

## Conversions Part 2

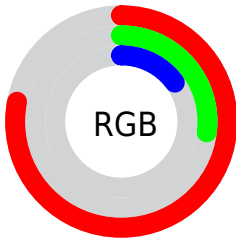
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 75, 38
Decimal	13059110
CIE Lab	47.52, 50.67, 45.12
CIE LCh	48, 67.851, 41.681
Yxy	16.4163, 0.5643, 0.3567
Android (android.graphics.Color)	4291249190 (0xFFC74426)
YUV	103.7490, -32.4143, 83.5351
Hunter-Lab	40.5170, 43.5082, 23.0447

# Details

The Hex color **C74426** 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 **26A9C7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7A56**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C73412**, and if you desaturate by 10%, it is **C7543A**.

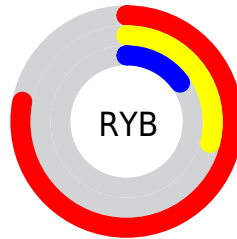
# Distribution



Red (78%)

Green (27%)

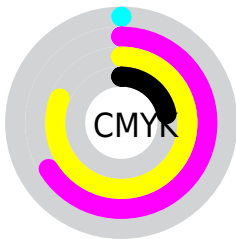
Blue (15%)



Red (78%)

Yellow (29%)

Blue (15%)

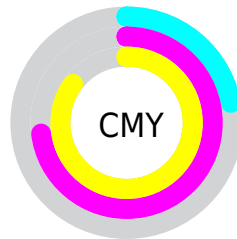


Cyan (0%)

Magenta (66%)

Yellow (81%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C74426 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 C74426 by changing the saturation by 10% instead.



 C74426

 C74426

FFFFFF

 A8270E

 FF7A56

 890000

 FF966F

 6B0000

 FFB288

 4D0000

 FFCEA3

 320002

 FFEbbe

 000000

 FFFFDB

 FFFFF7

 C74426

 C74426

 C73412

 C7543A

 C72500

 C7644E

 C77562

 C78576

 C7958A

 C7A59D

 C7B5B1

 C7C6C5

 C7D6D9

# Harmonies

## Analogous

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



D42A5D



C74426



A56100

# Triad

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



C74426



00874A



0071E2

# Complementary

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



C74426



26A9C7

# 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.



0081DE



C74426



008A86

# Square

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



C74426



2F8103



0088BC



8D56C7

# Rectangle

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



C74426



866F00



0088BC



0077E4



# Sweetspot

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



C74426



FFCDC2



C726A9



80615B



000000



808080



# Same Dimension

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



C74426



FF3608



C79426



635B5A



A31E00



240700

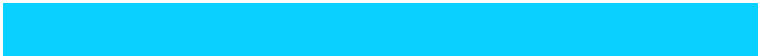


# Inverse Universe

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



26A9C7



08D1FF



2659C7



5A6263



0085A3

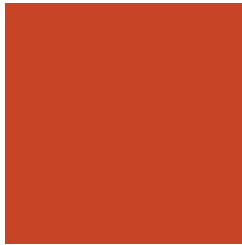


001D24



# Previews

## White Background



This preview shows how the Hex color C74426 looks on a white background.

## Color Contrast Check

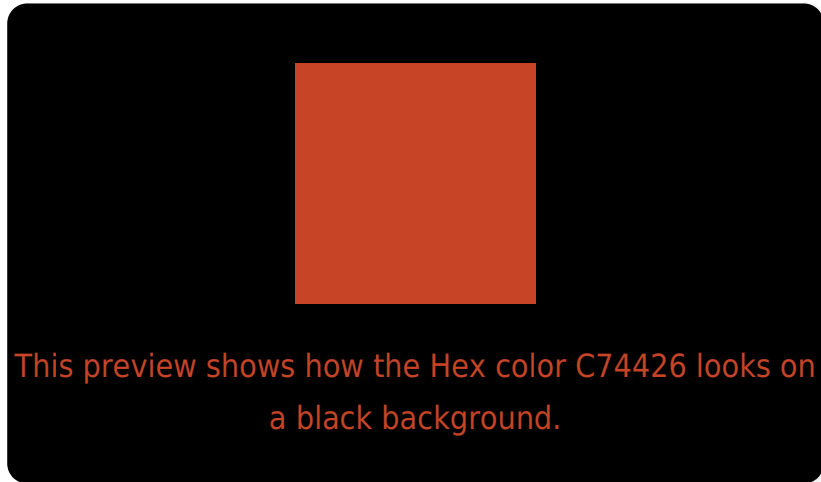
Large Text (above 18pt) WCAG AA ✓ Pass

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 C74426 Background



This preview shows how black text looks on a background with the Hex color C74426.



This preview shows how white text looks on a background with the Hex color C74426.

# 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**  
C74426

**Protanopia**  
7E7232

**Deuteranopia**  
8F6C1A



**Tritanopia**  
C84144

# Trichromacy



**Original Color**  
C74426

**Protanomaly**  
99612E

**Deuteranomaly**  
A35D1E

**Tritanomaly**  
C84239

# Monochromacy



**Original Color**  
C74426

**Achromatopsia**  
686868

**Achromatomaly**  
8B5B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C74426 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 #C74426 looks like.

```
.text, #text, p{  
    color:#C74426  
}
```

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 #C74426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74426
}
```

## Border

The CSS property to change the border of an element to Hex C74426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

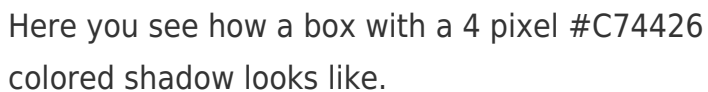
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C74426 }
```

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

```
.border{ border-color:#C74426 }
```

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



Here you see how a box with a 4 pixel `#C74426` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74426; -webkit-box-shadow:4px 4px  
4px 4px #C74426; box-shadow:4px 4px 4px  
4px #C74426 }
```

# Background

The CSS property to change the background color of an element to Hex C74426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74426 }
```

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

```
.background{ background-color:#C74426 }
```

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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