

# Converting Colors

Hex(C73617)

Have a look what the booklet for  
Hex(C73617) contains.

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**Color**

**Hex(C73617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C73617
RGB	199, 54, 23
RGB Percent	78%, 21%, 9%
CMY	0.2196, 0.7882, 0.9098
CMYK	0.00, 0.73, 0.88, 0.22
HSL	11°, 79%, 44%
HSV	11°, 88%, 78%
XYZ	25.0270, 14.8423, 2.3564
YIQ	93.8210, 96.3710, 21.0990

# Conversions

## Conversions Part 2

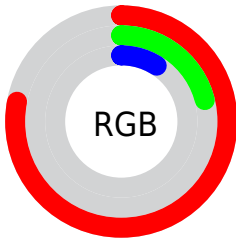
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 61, 23
Decimal	13055511
CIE <sub>Lab</sub>	45.42, 55.74, 50.16
CIE <sub>LCh</sub>	45, 74.988, 41.980
Yxy	14.8423, 0.5927, 0.3515
Android (android.graphics.Color)	4291245591 (0xFFC73617)
YUV	93.8210, -34.9148, 92.2420
Hunter-Lab	38.5257, 48.5369, 23.3416

# Details

The Hex color **C73617** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17A8C7**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6E47**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C72603**, and if you desaturate by 10%, it is **C7462B**.

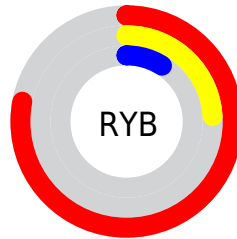
# Distribution



Red (78%)

Green (21%)

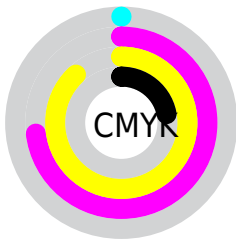
Blue (9%)



Red (78%)

Yellow (24%)

Blue (9%)

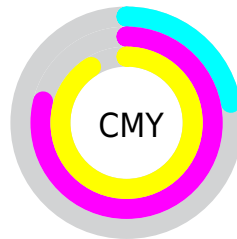


Cyan (0%)

Magenta (73%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (79%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C73617 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 C73617 by changing the saturation by 10% instead.



 C73617

 C73617

FFFFFF

 A71300

 FF6E47

 880000

 FF8A60

 690000

 FFA67A

 4B0000

 FFC394

 2F0002

 FFE0AF

 000000

 FFFDCB

 FFFFE7

 C73617

 C73617

■ C72603

■ C7462B

■ C72300

■ C7573F

■ C76753

■ C77867

■ C7887B

■ C7988E

■ C7A9A2

■ C7B9B6

■ C7CACA

# Harmonies

## Analogous

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



D60056



C73617



A15A00

# Triad

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



C73617



008342



006CE8

# Complementary

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



C73617



17A8C7

# 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.



007DE4



C73617



008684

# Square

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



C73617



137D00



0084BF



8A4CCA

# Rectangle

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



C73617



806B00



0084BF



0073EB



# Sweetspot

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



C73617



FFC6BA



C717AA



805E57



000000



808080



# Same Dimension

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



C73617



FF2D00



C78C17



635B5A



A31D00



240600

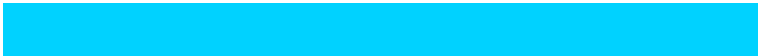


# Inverse Universe

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



17A8C7



00D2FF



1752C7



5A6263



0086A3



001D24



# Previews

## White Background



This preview shows how the Hex color C73617 looks on a white background.

## Color Contrast Check

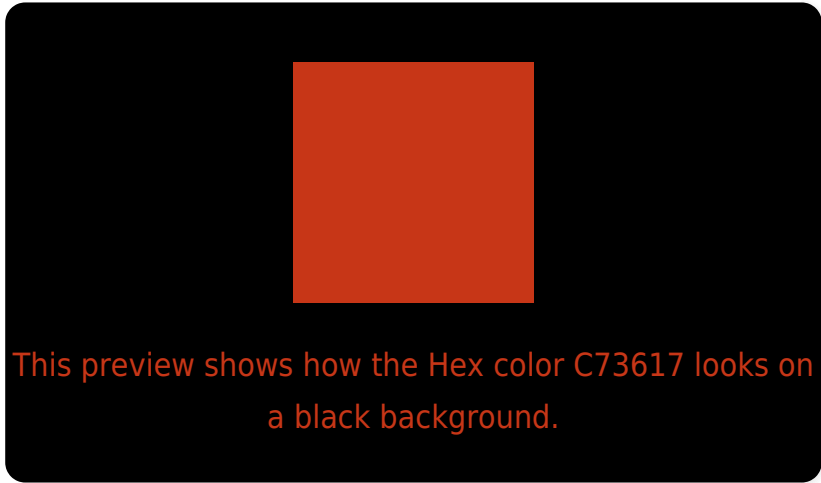
Large Text (above 18pt) WCAG AA ✓ Pass

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 C73617 Background



This preview shows how black text looks on a background with the Hex color C73617.



This preview shows how white text looks on a background with the Hex color C73617.

# 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**  
C73617

**Protanopia**  
796D24

**Deuteranopia**  
896700



**Tritanopia**  
C83335

# Trichromacy



**Original Color**  
C73617

**Protanomaly**  
95591F

**Deuteranomaly**  
A05508

**Tritanomaly**  
C8342A

# Monochromacy



**Original Color**  
C73617

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
844F44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C73617 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 #C73617 looks like.

```
.text, #text, p{  
    color:#C73617  
}
```

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 #C73617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73617
}
```

## Border

The CSS property to change the border of an element to Hex C73617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

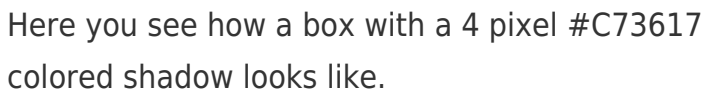
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C73617 }
```

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

```
.border{ border-color:#C73617 }
```

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



Here you see how a box with a 4 pixel `#C73617` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73617; -webkit-box-shadow:4px 4px  
4px 4px #C73617; box-shadow:4px 4px 4px  
4px #C73617 }
```

# Background

The CSS property to change the background color of an element to Hex C73617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73617 }
```

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

```
.background{ background-color:#C73617 }
```

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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