

# Converting Colors

Hex(C73C05)

Have a look what the booklet for  
Hex(C73C05) contains.

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**Color**

**Hex(C73C05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C73C05
RGB	199, 60, 5
RGB Percent	78%, 24%, 2%
CMY	0.2196, 0.7647, 0.9804
CMYK	0.00, 0.70, 0.97, 0.22
HSL	17°, 95%, 40%
HSV	17°, 97%, 78%
XYZ	25.1964, 15.3848, 1.7851
YIQ	95.2910, 100.4990, 12.3630

# Conversions

## Conversions Part 2

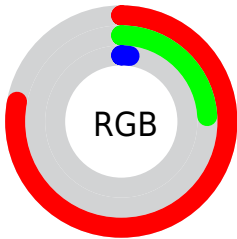
Format	Color
R <sub>Y</sub> B	199, 82, 5
Decimal	13057029
CIE Lab	46.16, 53.28, 56.36
CIE LCh	46, 77.556, 46.609
Yxy	15.3848, 0.5947, 0.3631
Android (android.graphics.Color)	4291247109 (0xFFC73C05)
YUV	95.2910, -44.5135, 90.9528
Hunter-Lab	39.2234, 46.0242, 24.7580

# Details

The Hex color **C73C05** 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 **0590C7**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF733C**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C73800**, and if you desaturate by 10%, it is **C74A19**.

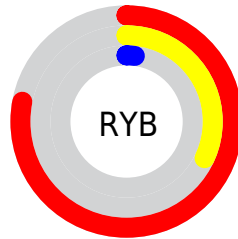
# Distribution



Red (78%)

Green (24%)

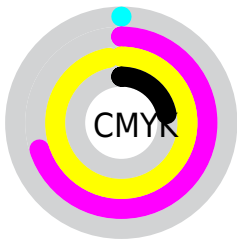
Blue (2%)



Red (78%)

Yellow (32%)

Blue (2%)

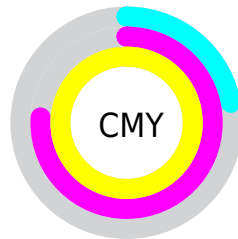


Cyan (0%)

Magenta (70%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C73C05 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 C73C05 by changing the saturation by 10% instead.



 C73C05

 C73C05

 FFFFFFF9

 A71D00

 FF733C

 880000

 FF8F55

 690000

 FFAB6F

 4B0000

 FFC789

 300002

 FFE4A4

 000000

 FFFFC0

 FFFFDC

 C73C05

 C73C05

 C73800

 C74A19

 C7592D

 C76741

 C77555

 C78369

 C7927C

 C7A090

 C7AEA4

 C7BCB8

# Harmonies

## Analogous

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



DB004D



C73C05



9D6000

# Triad

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



C73C05



00864D



0069EC

# Complementary

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



C73C05



0590C7

# 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.



007EEE



C73C05



008891

# Square

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



C73C05



008100



0087CC



9A46C8

# Rectangle

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



C73C05



797000



0087CC



0072F1



# Sweetspot

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



C73C05



FFCAB5



C70590



806053



000000



808080



# Same Dimension

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



C73C05



FF4800



C79D05



635C5A



A32E00



240A00



# Inverse Universe

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



0590C7



00B7FF



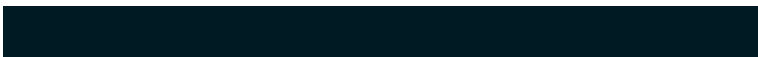
052FC7



5A6163



0075A3



001A24



# Previews

## White Background



This preview shows how the Hex color C73C05 looks on a white background.

## Color Contrast Check

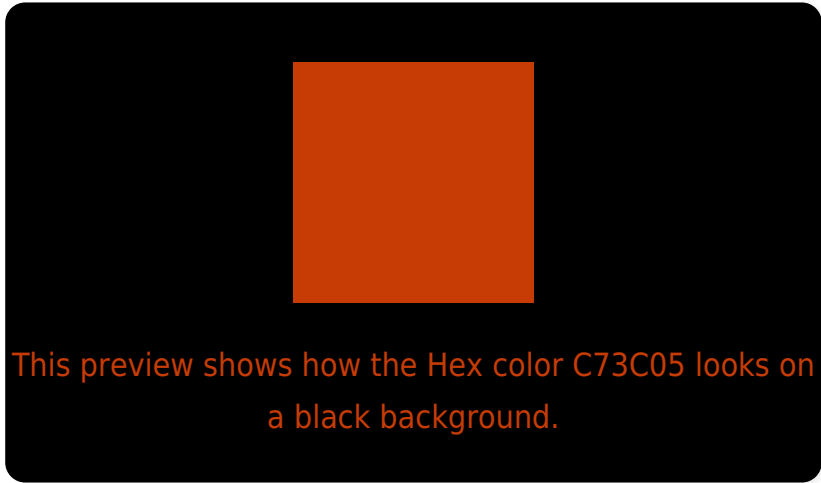
Large Text (above 18pt) WCAG AA ✓ Pass

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 C73C05 Background



This preview shows how black text looks on a background with the Hex color C73C05.



This preview shows how white text looks on a background with the Hex color C73C05.

# 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**  
C73C05

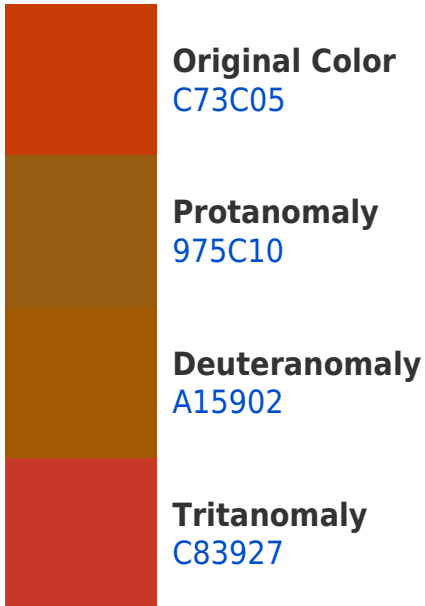
**Protanopia**  
7C6E16

**Deuteranopia**  
8B6900



**Tritanopia**  
C8383A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C73C05 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 #C73C05 looks like.

```
.text, #text, p{  
    color:#C73C05  
}
```

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 #C73C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73C05
}
```

## Border

The CSS property to change the border of an element to Hex C73C05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

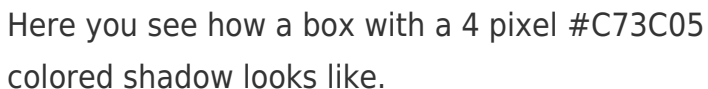
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C73C05 }
```

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

```
.border{ border-color:#C73C05 }
```

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



Here you see how a box with a 4 pixel `#C73C05` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73C05; -webkit-box-shadow:4px 4px  
4px 4px #C73C05; box-shadow:4px 4px 4px  
4px #C73C05 }
```

# Background

The CSS property to change the background color of an element to Hex C73C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73C05 }
```

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

```
.background{ background-color:#C73C05 }
```

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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