

Converting Colors

Hex(C73433)

Have a look what the booklet for
Hex(C73433) contains.

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Color

Hex(C73433)

Conversions

Conversions Part 1

Format	Color
Hex	C73433
RGB	199, 52, 51
RGB Percent	78%, 20%, 20%
CMY	0.2196, 0.7961, 0.8000
CMYK	0.00, 0.74, 0.74, 0.22
HSL	0°, 59%, 49%
HSV	0°, 74%, 78%
XYZ	25.3787, 14.8371, 4.6582
YIQ	95.8390, 87.9330, 30.8530

Conversions

Conversions Part 2

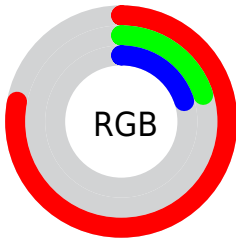
Format	Color
R_{YB}	199, 52, 51
Decimal	13055027
CIE _{Lab}	45.41, 57.27, 35.93
CIE _{LCh}	45, 67.608, 32.104
Yxy	14.8371, 0.5656, 0.3306
Android (android.graphics.Color)	4291245107 (0xFFC73433)
YUV	95.8390, -22.1056, 90.4722
Hunter-Lab	38.5190, 50.1988, 19.7932

Details

The Hex color **C73433** 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 **33C6C7**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6D62**, and **890007** is the 20% darker color. If you saturate the color by 10%, you get **C7201F**, and if you desaturate by 10%, it is **C74847**.

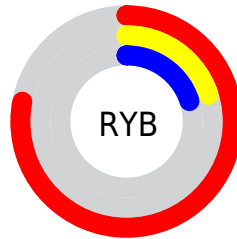
Distribution



Red (78%)

Green (20%)

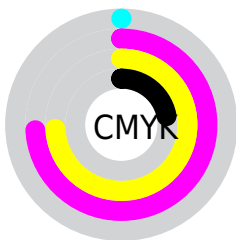
Blue (20%)



Red (78%)

Yellow (20%)

Blue (20%)

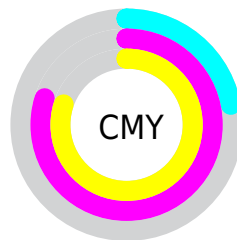


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C73433 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 C73433 by changing the saturation by 10% instead.

 C73433

 C73433

FFFFFF

 A80E1D

 FF6D62

 890007

 FF897B

 6B0000

 FFA595

 4C0001

 FFC2B0

 300002

 FFDFCB

 000000

 FFFDE7

 C73433

 C73433

 C7201F

 C74847

 C70C0B

 C75C5B

 C70100

 C76F6F

 C78383

 C79797

 C7ABAA

 C7BEBE

 C7D2D2

 C7E6E6

Harmonies

Analogous

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



CC206A



C73433



AB5300

Triad

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



C73433



008032



0072DE

Complementary

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



C73433



33C6C7

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.



007FD0



C73433



00846E

Square

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



C73433



457900



0083A6



6B5ACC

Rectangle

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



C73433



8F6400



0083A6



0077DD

Sweetspot

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



C73433



FFC7C7



C733C7



805F5E



000000



808080

Same Dimension

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



C73433



FF1E1C



C77D33



635A5A



A30100



240000

Inverse Universe

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



33C6C7



1CFDFF



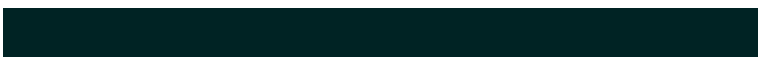
337DC7



5A6363



00A2A3



002324

Previews

White Background



This preview shows how the Hex color C73433 looks on a white background.

Color Contrast Check

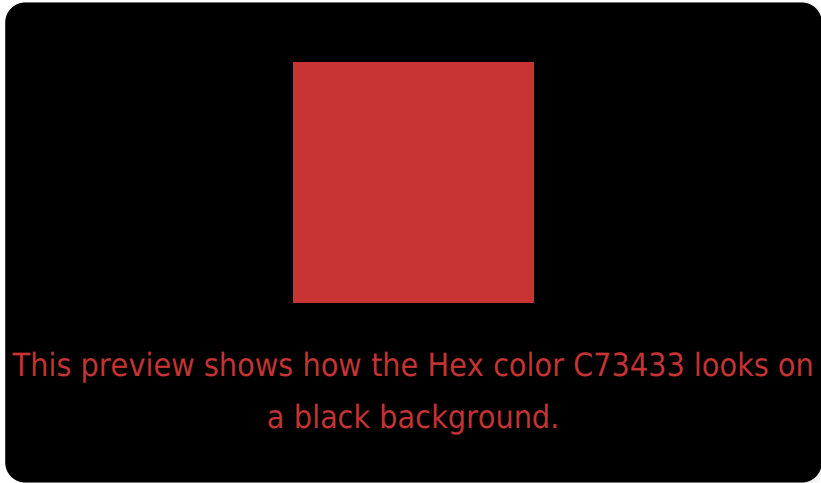
Large Text (above 18pt) WCAG AA ✓ Pass

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 C73433 Background



This preview shows how black text looks on a background with the Hex color C73433.



This preview shows how white text looks on a background with the Hex color C73433.

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
C73433

Protanopia
766C45

Deuteranopia
876729



Tritanopia
C73435

Trichromacy



Original Color
C73433

Protanomaly
93583E

Deuteranomaly
9E542D

Tritanomaly
C73434

Monochromacy



Original Color
C73433

Achromatopsia
606060

Achromatomaly
855050

CSS Examples

Text

The CSS property to change the color of the text to Hex C73433 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 #C73433 looks like.

```
.text, #text, p{  
    color:#C73433  
}
```

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 #C73433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73433
}
```

Border

The CSS property to change the border of an element to Hex C73433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

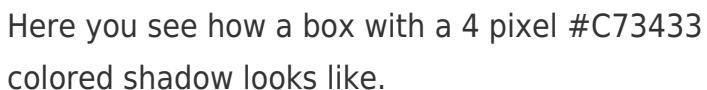
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C73433 }
```

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

```
.border{ border-color:#C73433 }
```

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



Here you see how a box with a 4 pixel `#C73433` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73433; -webkit-box-shadow:4px 4px  
4px 4px #C73433; box-shadow:4px 4px 4px  
4px #C73433 }
```

Background

The CSS property to change the background color of an element to Hex C73433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73433 }
```

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

```
.background{ background-color:#C73433 }
```

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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