

Converting Colors

Hex(C75035)

Have a look what the booklet for
Hex(C75035) contains.

Hex(C75035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C75035)

Conversions

Conversions Part 1

Format	Color
Hex	C75035
RGB	199, 80, 53
RGB Percent	78%, 31%, 21%
CMY	0.2196, 0.6863, 0.7922
CMYK	0.00, 0.60, 0.73, 0.22
HSL	11°, 58%, 49%
HSV	11°, 73%, 78%
XYZ	27.0645, 18.1365, 5.4424
YIQ	112.5030, 79.5910, 16.8310

Conversions

Conversions Part 2

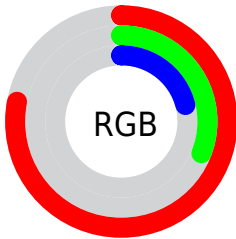
Format	Color
R_{YB}	199, 86, 53
Decimal	13062197
CIE _{Lab}	49.66, 45.92, 39.54
CIE _{LCh}	50, 60.597, 40.726
Yxy	18.1365, 0.5344, 0.3581
Android (android.graphics.Color)	4291252277 (0xFFC75035)
YUV	112.5030, -29.3350, 75.8579
Hunter-Lab	42.5869, 38.9115, 22.2339

Details

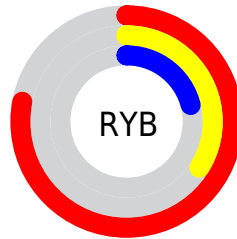
The Hex color **C75035** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **35ACC7**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8565**, and **8A1807** is the 20% darker color. If you saturate the color by 10%, you get **C74021**, and if you desaturate by 10%, it is **C76049**.

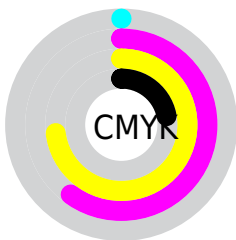
Distribution



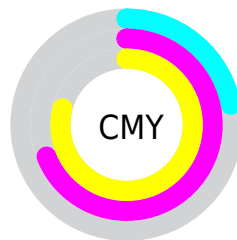
- Red (78%)
- Green (31%)
- Blue (21%)



- Red (78%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C75035 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 C75035 by changing the saturation by 10% instead.

 C75035

 C75035

FFFFFF

 A8351E

 FF8565

 8A1807

 FFA17E

 6C0000

 FFBC99

 4F0000

 FFD9B4

 350002

 FFF6CF

 040000

 FFFFEC

 000000

 C75035

 C75035

 C74021

 C76049

 C7300D

 C7705D

 C72500

 C78171

 C79185

 C7A199

 C7B1AC

 C7C2C0

 C7D2D4

 C7E2E8

Harmonies

Analogous

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



D13F66



C75035



A96700

Triad

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



C75035



008B52



0076DC

Complementary

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



C75035



35ACC7

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.



0085D7



C75035



008E88

Square

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



C75035



43851E



008CB8



8F60C5

Rectangle

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



C75035



8D7400



008CB8



007CDE

Sweetspot

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



C75035



FFD1C7



C735AC



80645E



000000



808080

Same Dimension

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



C75035



FF481F



C79935



635B5A



A31E00



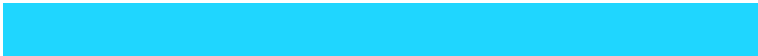
240700

Inverse Universe

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



35ACC7



1FD6FF



3563C7



5A6263



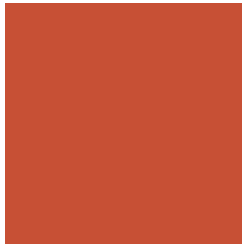
0085A3



001D24

Previews

White Background



This preview shows how the Hex color C75035 looks on a white background.

Color Contrast Check

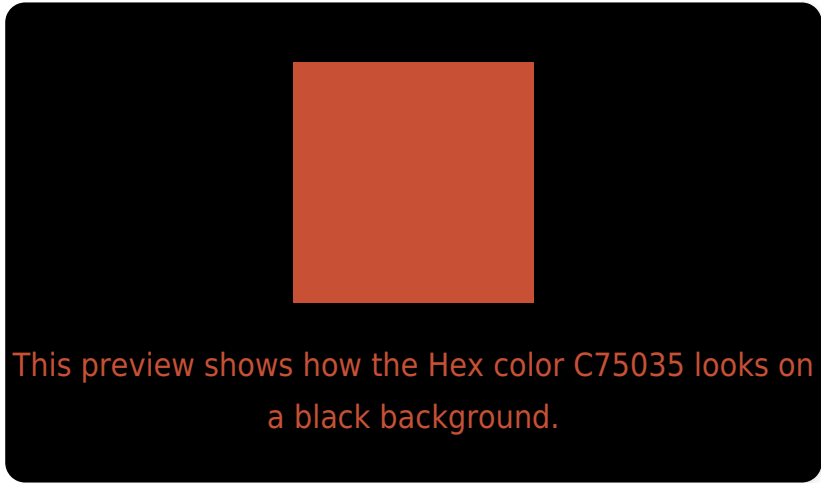
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C75035 Background



This preview shows how black text looks on a background with the Hex color C75035.



This preview shows how white text looks on a background with the Hex color C75035.

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
C75035

Protanopia
837741

Deuteranopia
94712E



Tritanopia
C84C51

Trichromacy



Original Color
C75035

Protanomaly
9C693D

Deuteranomaly
A76531

Tritanomaly
C84D47

Monochromacy



Original Color
C75035

Achromatopsia
717171

Achromatomaly
90655B

CSS Examples

Text

The CSS property to change the color of the text to Hex C75035 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 #C75035 looks like.

```
.text, #text, p{  
    color:#C75035  
}
```

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 #C75035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75035
}
```

Border

The CSS property to change the border of an element to Hex C75035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

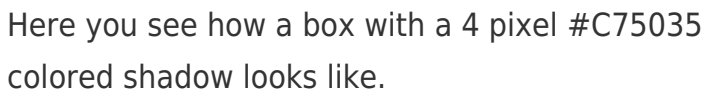
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C75035 }
```

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

```
.border{ border-color:#C75035 }
```

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



Here you see how a box with a 4 pixel #C75035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75035; -webkit-box-shadow:4px 4px  
4px 4px #C75035; box-shadow:4px 4px 4px  
4px #C75035 }
```

Background

The CSS property to change the background color of an element to Hex C75035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75035 }
```

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

```
.background{ background-color:#C75035 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor