

# Converting Colors

Hex(C75139)

Have a look what the booklet for  
Hex(C75139) contains.

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**Color**

**Hex(C75139)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75139
RGB	199, 81, 57
RGB Percent	78%, 32%, 22%
CMY	0.2196, 0.6824, 0.7765
CMYK	0.00, 0.59, 0.71, 0.22
HSL	10°, 56%, 50%
HSV	10°, 71%, 78%
XYZ	27.2341, 18.3224, 5.9721
YIQ	113.5460, 78.0320, 17.5520

# Conversions

## Conversions Part 2

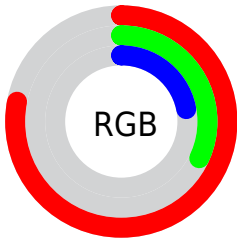
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 86, 57
Decimal	13062457
CIE <sub>Lab</sub>	49.88, 45.65, 37.61
CIE <sub>LCh</sub>	50, 59.141, 39.484
Yxy	18.3224, 0.5285, 0.3556
Android (android.graphics.Color)	4291252537 (0xFFC75139)
YUV	113.5460, -27.8772, 74.9432
Hunter-Lab	42.8047, 38.6611, 21.6912

# Details

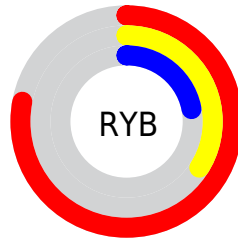
The Hex color **C75139** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **39AFC7**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8669**, and **8A1A0C** is the 20% darker color. If you saturate the color by 10%, you get **C74025**, and if you desaturate by 10%, it is **C7624D**.

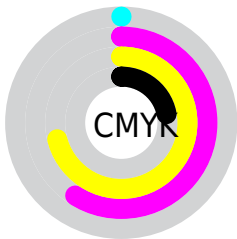
# Distribution



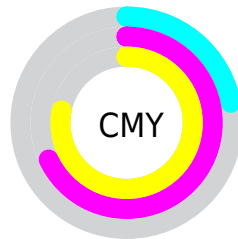
- Red (78%)
- Green (32%)
- Blue (22%)



- Red (78%)
- Yellow (34%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (68%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75139 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 C75139 by changing the saturation by 10% instead.



 C75139

 C75139

FFFFFF

 A83722

 FF8669

 8A1A0C

 FFA283

 6D0000

 FFBD9D

 4F0000

 FFDAB8

 360002

 FFF7D4

 050000

 FFFFF0

 000000

 C75139

 C75139

 C74025

 C7624D

 C73011

 C77261

 C72200

 C78375

 C79389

 C7A49D

 C7B4B0

 C7C5C4

 C7D5D8

 C7E6EC

# Harmonies

## Analogous

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



D04269



C75139



AA670A

# Triad

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



C75139



008B51



0077DA

# Complementary

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



C75139



39AFC7

# 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.



0086D5



C75139



008E86

# Square

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



C75139



488520



008CB6



8C62C5

# Rectangle

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



C75139



8F7400



008CB6



007DDC

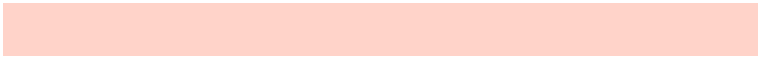


# Sweetspot

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



C75139



FFD3C9



C739AF



806560



000000



808080



# Same Dimension

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



C75139



FF4924



C79839



635B5A



A31C00



240600

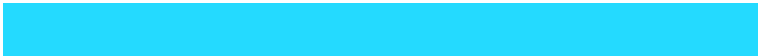


# Inverse Universe

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



39AFC7



24DAFF



3968C7



5A6263



0088A3

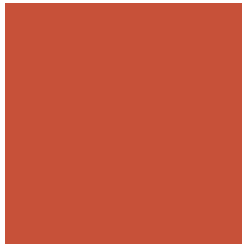


001E24



# Previews

## White Background



This preview shows how the Hex color C75139 looks on a white background.

## Color Contrast Check

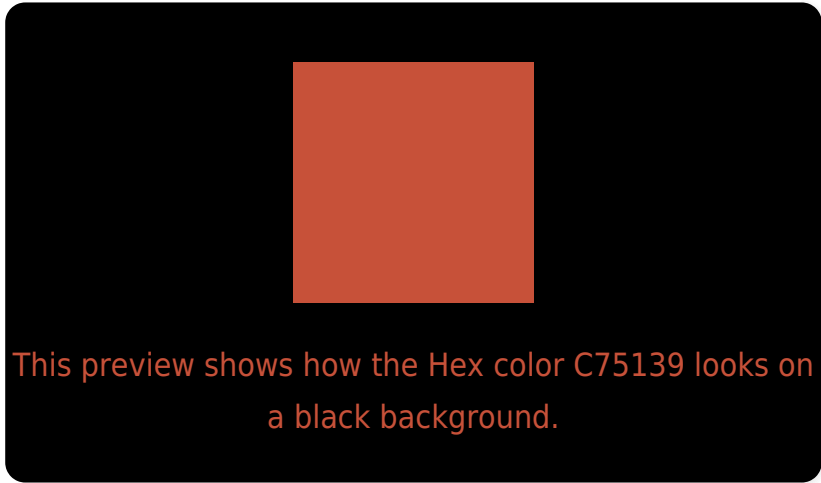
Large Text (above 18pt) WCAG AA ✓ Pass

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

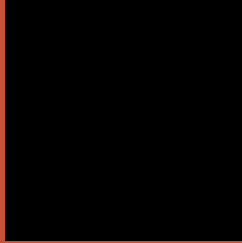
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C75139 Background



This preview shows how black text looks on a background with the Hex color C75139.




This preview shows how white text looks on a background with the Hex color C75139.

# 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





**Tritanopia**  
C84E53

# Trichromacy



**Original Color**  
C75139

**Protanomaly**  
9C6941

**Deuteranomaly**  
A76535

**Tritanomaly**  
C84F4A

# Monochromacy



**Original Color**  
C75139

**Achromatopsia**  
727272

**Achromatomaly**  
91665D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75139 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 #C75139 looks like.

```
.text, #text, p{  
    color:#C75139  
}
```

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 #C75139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75139
}
```

## Border

The CSS property to change the border of an element to Hex C75139 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
#C75139 }
```

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

```
.border{ border-color:#C75139 }
```

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

Here you see how a box with a 4 pixel #C75139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75139; -webkit-box-shadow:4px 4px  
4px 4px #C75139; box-shadow:4px 4px 4px  
4px #C75139 }
```

# Background

The CSS property to change the background color of an element to Hex C75139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75139 }
```

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

```
.background{ background-color:#C75139 }
```

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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