

Converting Colors

Hex(C71838)

Have a look what the booklet for
Hex(C71838) contains.

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Color

Hex(C71838)

Conversions

Conversions Part 1

Format	Color
Hex	C71838
RGB	199, 24, 56
RGB Percent	78%, 9%, 22%
CMY	0.2196, 0.9059, 0.7804
CMYK	0.00, 0.88, 0.72, 0.22
HSL	349°, 78%, 44%
HSV	349°, 88%, 78%
XYZ	24.5936, 13.0809, 4.9700
YIQ	79.9730, 94.0280, 47.0520

Conversions

Conversions Part 2

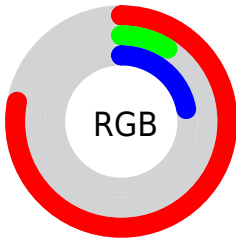
Format	Color
R_{YB}	199, 24, 56
Decimal	13047864
CIE _{Lab}	42.88, 64.80, 30.05
CIE _{LCh}	43, 71.428, 24.878
Yxy	13.0809, 0.5767, 0.3067
Android (android.graphics.Color)	4291237944 (0xFFC71838)
YUV	79.9730, -11.8187, 104.3867
Hunter-Lab	36.1675, 58.0854, 17.1698

Details

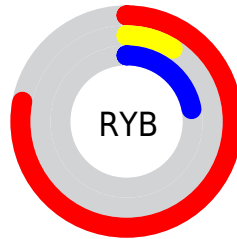
The Hex color **C71838** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **18C7A7**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5C67**, and **88000F** is the 20% darker color. If you saturate the color by 10%, you get **C70428**, and if you desaturate by 10%, it is **C72C48**.

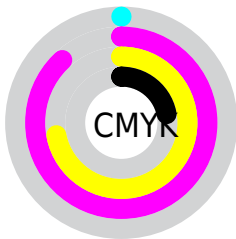
Distribution



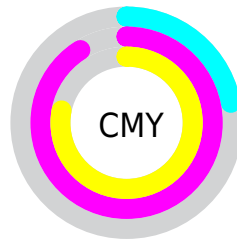
- Red (78%)
- Green (9%)
- Blue (22%)



- Red (78%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C71838 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 C71838 by changing the saturation by 10% instead.

 C71838

 C71838

FFFFFF

 A80023

 FF5C67

 88000F

 FF7980

 6A0000

 FF969A

 4C0002

 FFB3B5

 2E0002

 FFD0D0

 000000

 FFEEEC

 C71838

 C71838

 C70428

 C72C48

 C70024

 C74059

 C75469

 C76879

 C77C89

 C78F9A

 C7A3AA

 C7B7BA

 C7CBCA

Harmonies

Analogous

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



C50072



C71838



AE4300

Triad

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



C71838



007916



0070DD

Complementary

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



C71838



18C7A7

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.



007BC6



C71838



007D59

Square

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



C71838



4C7000



007E96



3F5AD2

Rectangle

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



C71838



945800



007E96



0075D9

Sweetspot

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



C71838



FFBDC9



A718C7



80585F



000000



808080

Same Dimension

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



C71838



FF002F



C74F18



635A5B



A3001E



240007

Inverse Universe

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



C71838



FF002F



1890C7



635A5B



A3001E



240007

Previews

White Background



This preview shows how the Hex color C71838 looks on a white background.

Color Contrast Check

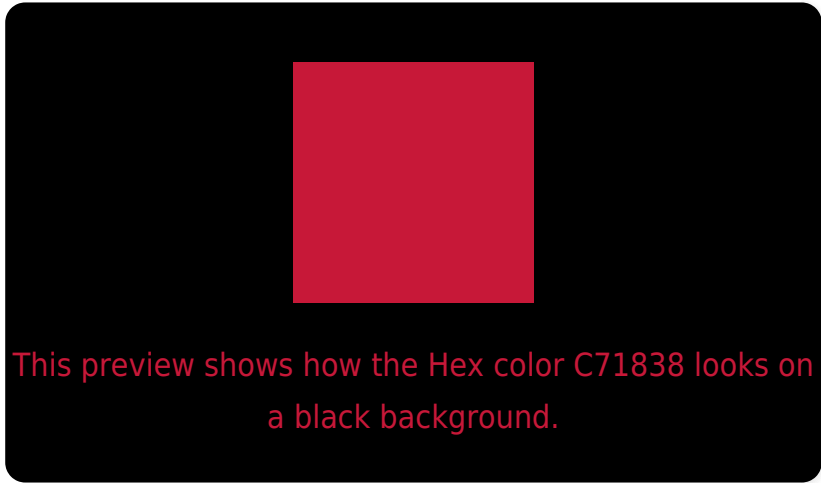
Large Text (above 18pt) WCAG AA ✓ Pass

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 C71838 Background



This preview shows how black text looks on a background with the Hex color C71838.



This preview shows how white text looks on a background with the Hex color C71838.

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
C71838

Protanopia
6D6652

Deuteranopia
7F622E

Trichromacy



Original Color
C71838

Protanomaly
8E4A49

Deuteranomaly
994732

Tritanomaly
C61C27

Monochromacy



Original Color
C71838

Achromatopsia
505050

Achromatomaly
7B3C47

CSS Examples

Text

The CSS property to change the color of the text to Hex C71838 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 #C71838 looks like.

```
.text, #text, p{  
    color:#C71838  
}
```

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 #C71838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C71838
}
```

Border

The CSS property to change the border of an element to Hex C71838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

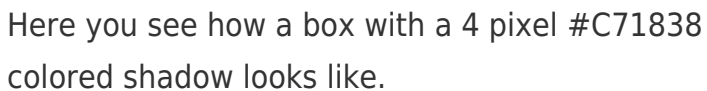
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C71838 }
```

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

```
.border{ border-color:#C71838 }
```

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



Here you see how a box with a 4 pixel `#C71838` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C71838; -webkit-box-shadow:4px 4px  
4px 4px #C71838; box-shadow:4px 4px 4px  
4px #C71838 }
```

Background

The CSS property to change the background color of an element to Hex C71838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C71838 }
```

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

```
.background{ background-color:#C71838 }
```

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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