

Converting Colors

Hex(C7271B)

Have a look what the booklet for
Hex(C7271B) contains.

Hex(C7271B)	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(C7271B)

Conversions

Conversions Part 1

Format	Color
Hex	C7271B
RGB	199, 39, 27
RGB Percent	78%, 15%, 11%
CMY	0.2196, 0.8471, 0.8941
CMYK	0.00, 0.80, 0.86, 0.22
HSL	4°, 76%, 44%
HSV	4°, 86%, 78%
XYZ	24.4765, 13.6723, 2.3859
YIQ	85.4720, 99.2120, 30.1880

Conversions

Conversions Part 2

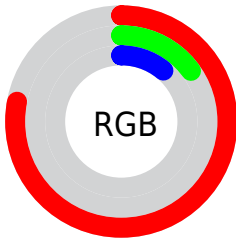
Format	Color
R_{YB}	199, 40, 27
Decimal	13051675
CIE Lab	43.76, 60.52, 47.07
CIE LCh	44, 76.672, 37.870
Yxy	13.6723, 0.6038, 0.3373
Android (android.graphics.Color)	4291241755 (0xFFC7271B)
YUV	85.4720, -28.8267, 99.5641
Hunter-Lab	36.9761, 53.4511, 22.0576

Details

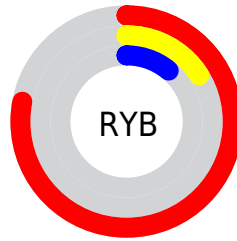
The Hex color **C7271B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1BBBC7**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF644A**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C71407**, and if you desaturate by 10%, it is **C73A2F**.

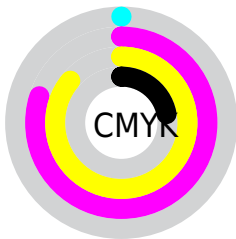
Distribution



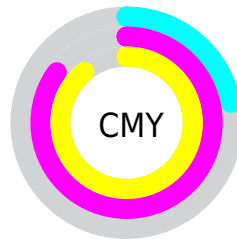
- Red (78%)
- Green (15%)
- Blue (11%)



- Red (78%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7271B 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 C7271B by changing the saturation by 10% instead.

 C7271B

 C7271B

FFFFFF

 A70003

 FF644A

 880000

 FF8062

 690000

 FF9C7C

 4B0002

 FFB996

 2D0002

 FFD6B1

 000000

 FFF4CD

 FFFFE9

 C7271B

 C7271B

 C71407

 C73A2F

 C70E00

 C74C43

 C75F57

 C7716B

 C7847E

 C79692

 C7A9A6

 C7BBBA

 C7CECE

Harmonies

Analogous

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



D3005A



C7271B



A35200

Triad

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



C7271B



007F33



006BE8

Complementary

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



C7271B



1BBC7

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.



007BDF



C7271B



008177

Square

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



C7271B



207800



0081B5



794CCD

Rectangle

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



C7271B



826400



0081B5



0072E9

Sweetspot

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



C7271B



FFC1BD



C71BBC



805B58



000000



808080

Same Dimension

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



C7271B



FF1200



C77C1B



635A5A



A30B00



240200

Inverse Universe

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



1BBBC7



00EDFF



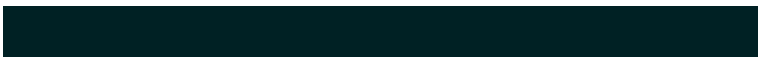
1B66C7



5A6363



0098A3



002124

Previews

White Background



This preview shows how the Hex color C7271B looks on a white background.

Color Contrast Check

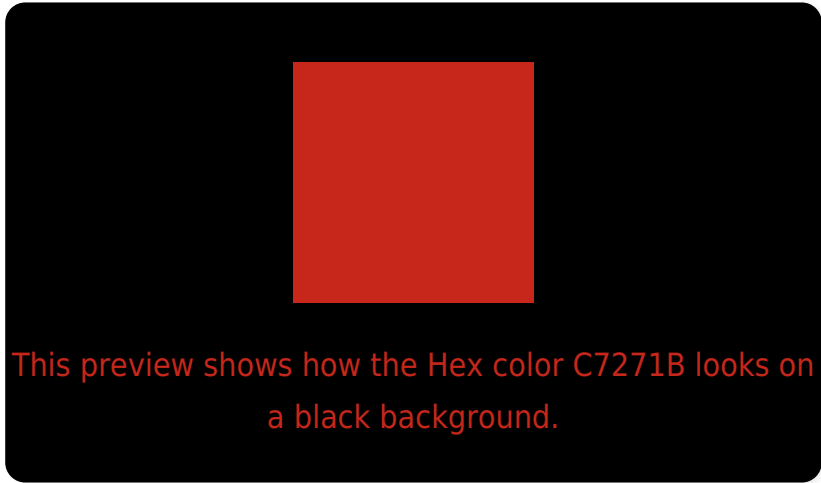
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7271B Background



This preview shows how black text looks on a background with the Hex color C7271B.



This preview shows how white text looks on a background with the Hex color C7271B.

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
C7271B

Protanopia
74692B

Deuteranopia
846300

Trichromacy



Original Color
C7271B

Protanomaly
925125

Deuteranomaly
9C4D0A

Tritanomaly
C72621

Monochromacy



Original Color
C7271B

Achromatopsia
555555

Achromatomaly
7E4440

CSS Examples

Text

The CSS property to change the color of the text to Hex C7271B 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 #C7271B looks like.

```
.text, #text, p{  
    color:#C7271B  
}
```

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 #C7271B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7271B
}
```

Border

The CSS property to change the border of an element to Hex C7271B 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
#C7271B }
```

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

```
.border{ border-color:#C7271B }
```

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

Here you see how a box with a 4 pixel #C7271B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7271B; -webkit-box-shadow:4px 4px  
4px 4px #C7271B; box-shadow:4px 4px 4px  
4px #C7271B }
```

Background

The CSS property to change the background color of an element to Hex C7271B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7271B }
```

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

```
.background{ background-color:#C7271B }
```

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