

Converting Colors

Hex(C7000C)

Have a look what the booklet for
Hex(C7000C) contains.

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Color

Hex(C7000C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C7000C |
| RGB | 199, 0, 12 |
| RGB Percent | 78%, 0%, 5% |
| CMY | 0.2196, 1.0000, 0.9529 |
| CMYK | 0.00, 1.00, 0.94, 0.22 |
| HSL | 356°, 100%, 39% |
| HSV | 356°, 100%, 78% |
| XYZ | 23.6195, 12.1687, 1.4517 |
| YIQ | 60.8690, 114.7520, 45.9200 |

Conversions

Conversions Part 2

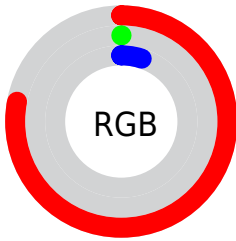
| Format | Color |
|-------------------------------------|---|
| RYB | 199, 0, 12 |
| Decimal | 13041676 |
| CIELab | 41.48, 66.58, 51.68 |
| CIElCh | 41, 84.285, 37.821 |
| Yxy | 12.1687, 0.6343, 0.3268 |
| Android (android.graphics.Color) | 4291231756 (0xFFC7000C) |
| YUV | 60.8690, -24.0924, 121.1409 |
| Hunter-Lab | 34.8836, 59.8153, 21.9511 |

Details

The Hex color **C7000C** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00C7BB**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF543C**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C7000C**, and if you desaturate by 10%, it is **C7141F**.

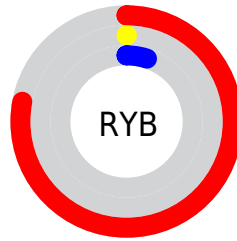
Distribution



Red (78%)

Green (0%)

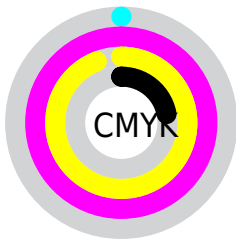
Blue (5%)



Red (78%)

Yellow (0%)

Blue (5%)

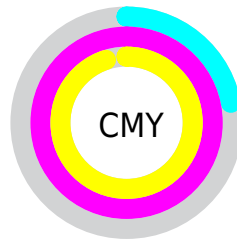


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (22%)



Cyan (22%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7000C 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 C7000C by changing the saturation by 10% instead.

 C7000C

 C7000C

 FFFFFFF6

 A70000

 FF543C

 870000

 FF7254

 670000

 FF8E6E

 4A0003

 FFAB87

 2A0001

 FFC9A2

 000000

 FFE6BD

 FFFFDA

 C7000C

 C7141F

 C72831

 C73C44

 C75057

 C7646A

 C7777C

 C78B8F

 C79FA2

 C7B3B4

Harmonies

Analogous

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



D50053



C7000C



A04900

Triad

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



C7000C



007A28



0067EE

Complementary

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



C7000C



00C7BB

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.



0077E4



C7000C



007C73

Square

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



C7000C



007300



007DB7



7143D1

Rectangle

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



C7000C



7C5E00



007DB7



006EF0

Sweetspot

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



C7000C



FFB3B7



BA00C7



805254



000000



808080

Same Dimension

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



C7000C



FF000F



C75600



635A5A



A3000A



240002

Inverse Universe

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



C7000C



FF000F



0071C7



635A5A



A3000A



240002

Previews

White Background



This preview shows how the Hex color C7000C looks on a white background.

Color Contrast Check

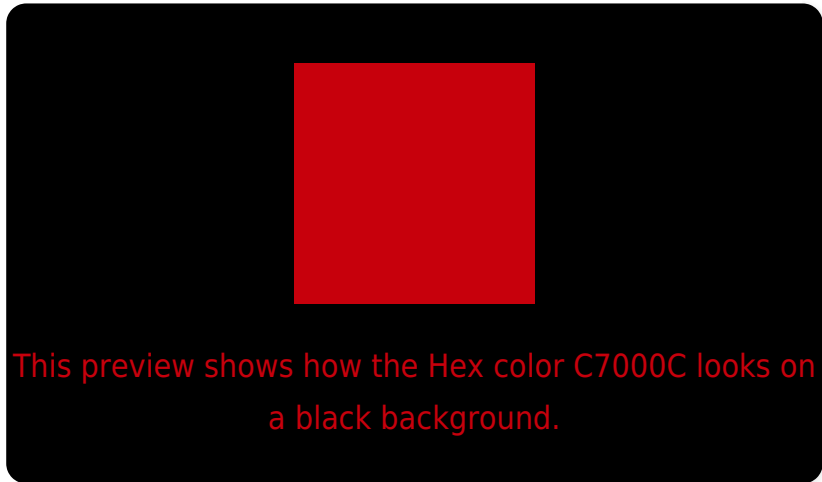
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7000C Background



This preview shows how black text looks on a background with the Hex color C7000C.



This preview shows how white text looks on a background with the Hex color C7000C.

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

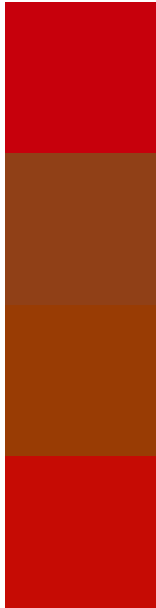


Original Color
C7000C

Protanopia
71651E

Deuteranopia
7F5F00

Trichromacy



Original Color
C7000C

Protanomaly
904017

Deuteranomaly
993C04

Tritanomaly
C60B04

Monochromacy



Original Color
C7000C

Achromatopsia
3D3D3D

Achromatomaly
6F272B

CSS Examples

Text

The CSS property to change the color of the text to Hex C7000C 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 #C7000C looks like.

```
.text, #text, p{  
    color:#C7000C  
}
```

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 #C7000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7000C }  
}
```

Border

The CSS property to change the border of an element to Hex C7000C 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".

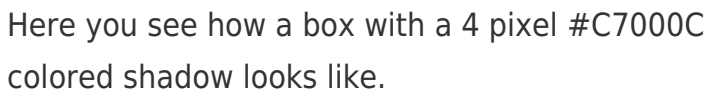
```
.border, #border, table{ border:4px solid #C7000C }  
}
```

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

```
.border{ border-color:#C7000C }
```

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

Here you see how a box with a 4 pixel #C7000C colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7000C; -webkit-box-shadow:4px 4px  
4px 4px #C7000C; box-shadow:4px 4px 4px  
4px #C7000C }
```

Background

The CSS property to change the background color of an element to Hex C7000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7000C }
```

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

```
.background{ background-color:#C7000C }
```

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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