

Converting Colors

Hex(C70048)

Have a look what the booklet for
Hex(C70048) contains.

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Color

Hex(C70048)

Conversions

Conversions Part 1

Format	Color
Hex	C70048
RGB	199, 0, 72
RGB Percent	78%, 0%, 28%
CMY	0.2196, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.64, 0.22
HSL	338°, 100%, 39%
HSV	338°, 100%, 78%
XYZ	24.7229, 12.6100, 7.2618
YIQ	67.7090, 95.4920, 64.5800

Conversions

Conversions Part 2

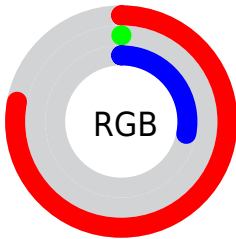
Format	Color
RYB	199, 0, 72
Decimal	13041736
CIELab	42.17, 68.44, 19.19
CIElCh	42, 71.078, 15.660
Yxy	12.6100, 0.5544, 0.2828
Android (android.graphics.Color)	4291231816 (0xFFC70048)
YUV	67.7090, 2.1155, 115.1422
Hunter-Lab	35.5106, 62.1304, 12.7327

Details

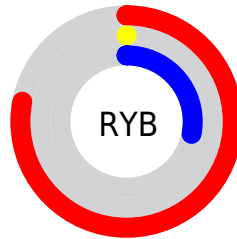
The Hex color **C70048** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00C77F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5678**, and **89001E** is the 20% darker color. If you saturate the color by 10%, you get **C70048**, and if you desaturate by 10%, it is **C71455**.

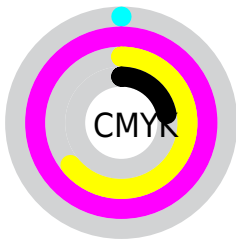
Distribution



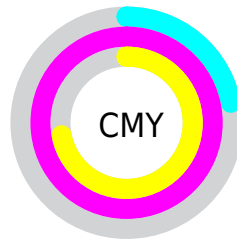
- Red (78%)
- Green (0%)
- Blue (28%)



- Red (78%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C70048 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 C70048 by changing the saturation by 10% instead.

 C70048

 C70048

FFFFFF

 A80032

 FF5678

 89001E

 FF7392

 6B0004

 FF90AC

 4D0003

 FFAEC7

 2E0002

 FFCBE3

 000000

 FFE9FF

 C70048

 C71455

 C72861

 C73C6E

 C7507B

 C76488

 C77794

 C78BA1

 C79FAE

 C7B3BA

Harmonies

Analogous

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



BB1082



C70048



B6360A

Triad

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



C70048



007500



0073D6

Complementary

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



C70048



00C77F

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.



007AB7



C70048



007A44

Square

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



C70048



5D6A00



007C82



0061D6

Rectangle

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



C70048



9F4D00



007C82



0076CF

Sweetspot

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



C70048



FFB3CE



7E00C7



805262



000000



808080

Same Dimension

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



C70048



FF005C



C71B00



635A5D



A3003B



24000D

Inverse Universe

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



C70048



FF005C



00ACC7



635A5D



A3003B



24000D

Previews

White Background



This preview shows how the Hex color C70048 looks on a white background.

Color Contrast Check

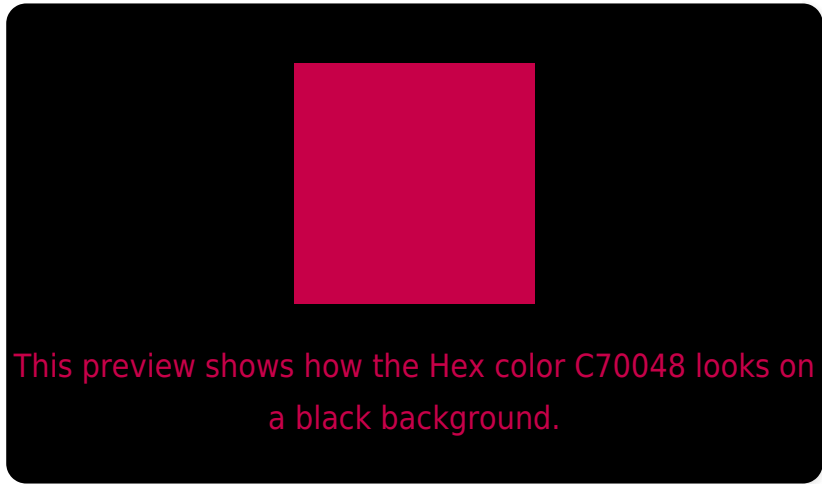
Large Text (above 18pt) WCAG AA ✓ Pass

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 C70048 Background



This preview shows how black text looks on a background with the Hex color C70048.

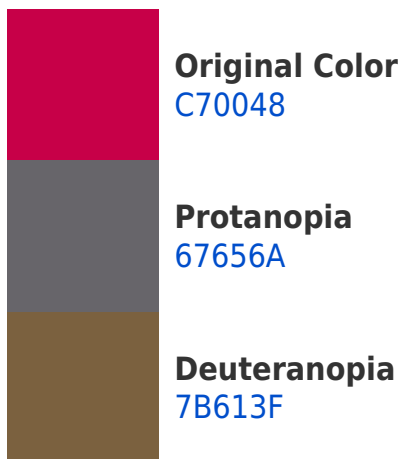


This preview shows how white text looks on a background with the Hex color C70048.

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
C61D1A

Trichromacy



Original Color
C70048



Protanomaly
8A405E



Deuteranomaly
973E42



Tritanomaly
C6122B

Monochromacy



Original Color
C70048



Achromatopsia
444444



Achromatomaly
742B45

CSS Examples

Text

The CSS property to change the color of the text to Hex C70048 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 #C70048 looks like.

```
.text, #text, p{  
    color:#C70048  
}
```

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 #C70048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70048  
}
```

Border

The CSS property to change the border of an element to Hex C70048 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  
#C70048 }
```

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

```
.border{ border-color:#C70048 }
```

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

Here you see how a box with a 4 pixel #C70048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70048; -webkit-box-shadow:4px 4px  
4px 4px #C70048; box-shadow:4px 4px 4px  
4px #C70048 }
```

Background

The CSS property to change the background color of an element to Hex C70048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70048 }
```

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

```
.background{ background-color:#C70048 }
```

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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