

# Converting Colors

Hex(C70542)

Have a look what the booklet for  
Hex(C70542) contains.

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**Color**

**Hex(C70542)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C70542
RGB	199, 5, 66
RGB Percent	78%, 2%, 26%
CMY	0.2196, 0.9804, 0.7412
CMYK	0.00, 0.97, 0.67, 0.22
HSL	341°, 95%, 40%
HSV	341°, 97%, 78%
XYZ	24.5908, 12.6440, 6.2987
YIQ	69.9600, 96.0430, 60.0990

# Conversions

## Conversions Part 2

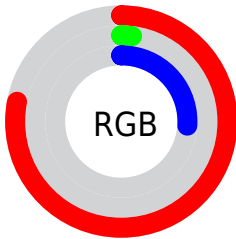
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 5, 66
Decimal	13043010
CIELab	42.22, 67.65, 23.03
CIELCh	42, 71.459, 18.803
Yxy	12.6440, 0.5649, 0.2904
Android (android.graphics.Color)	4291233090 (0xFFC70542)
YUV	69.9600, -1.9523, 113.1681
Hunter-Lab	35.5584, 61.2165, 14.3884

# Details

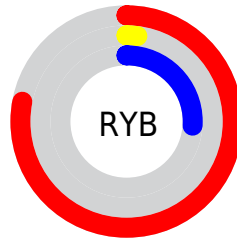
The Hex color **C70542** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05C78A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5772**, and **890018** is the 20% darker color. If you saturate the color by 10%, you get **C7003F**, and if you desaturate by 10%, it is **C71950**.

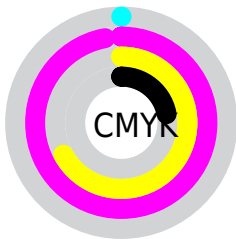
# Distribution



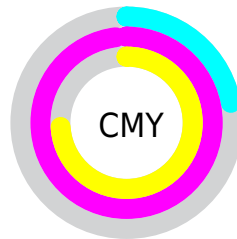
- Red (78%)
- Green (2%)
- Blue (26%)



- Red (78%)
- Yellow (2%)
- Blue (26%)



- Cyan (0%)
- Magenta (97%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C70542 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 C70542 by changing the saturation by 10% instead.



 C70542

 C70542

FFFFFF

 A8002C

 FF5772

 890018

 FF748B

 6A0000

 FF91A5

 4C0003

 FFAEC0

 2E0002

 FFCDC

 000000

 FFE9F8

 C70542

 C70542

 C7003F

 C71950

 C72D5D

 C7416B

 C75579

 C76986

 C77C94

 C790A1

 C7A4AF

 C7B8BD

# Harmonies

## Analogous

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



BF067C



C70542



B33A00

# Triad

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



C70542



007600



0072D9

# Complementary

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



C70542



05C78A

# 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.



007ABC



C70542



007B4B

# Square

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



C70542



576C00



007C88



005ED5

# Rectangle

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



C70542



9B5000



007C88



0075D3



# Sweetspot

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



C70542



FFB5CC



8A05C7



805361



000000



808080



# Same Dimension

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



C70542



FF0050



C72905



635A5D



A30033



24000B



# Inverse Universe

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



C70542



FF0050



05A3C7



635A5D



A30033



24000B



# Previews

## White Background



This preview shows how the Hex color C70542 looks on a white background.

## Color Contrast Check

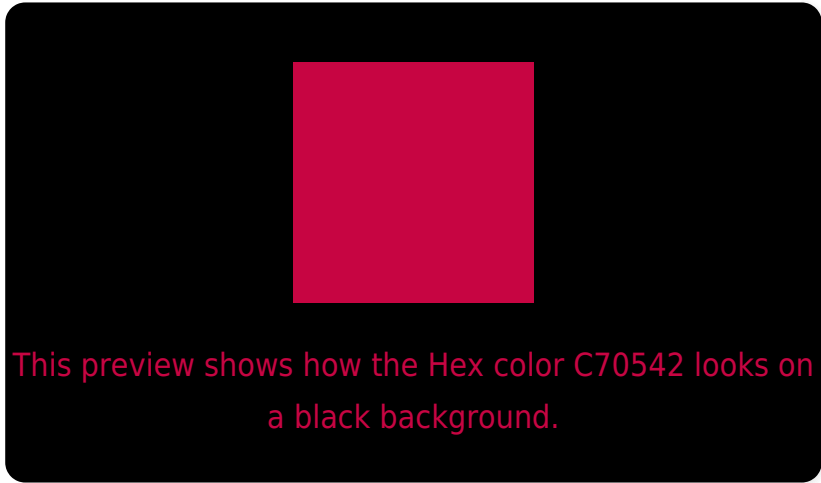
Large Text (above 18pt) WCAG AA ✓ Pass

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 C70542 Background



This preview shows how black text looks on a background with the Hex color C70542.



This preview shows how white text looks on a background with the Hex color C70542.

# 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**  
C70542

**Protanopia**  
696561

**Deuteranopia**  
7C6139



**Tritanopia**  
C61B17

# Trichromacy



**Original Color**  
C70542



**Protanomaly**  
8B4256



**Deuteranomaly**  
97403C



**Tritanomaly**  
C61327

# Monochromacy



**Original Color**  
C70542



**Achromatopsia**  
464646



**Achromatomaly**  
752E45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C70542 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 #C70542 looks like.

```
.text, #text, p{  
    color:#C70542  
}
```

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 #C70542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70542
}
```

## Border

The CSS property to change the border of an element to Hex C70542 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".

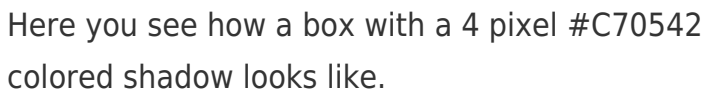
```
.border, #border, table{ border:4px solid
#C70542 }
```

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

```
.border{ border-color:#C70542 }
```

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

Here you see how a box with a 4 pixel #C70542 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70542; -webkit-box-shadow:4px 4px  
4px 4px #C70542; box-shadow:4px 4px 4px  
4px #C70542 }
```

# Background

The CSS property to change the background color of an element to Hex C70542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70542 }
```

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

```
.background{ background-color:#C70542 }
```

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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