

# Converting Colors

Hex(C70546)

Have a look what the booklet for  
Hex(C70546) contains.

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**Color**

**Hex(C70546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C70546
RGB	199, 5, 70
RGB Percent	78%, 2%, 27%
CMY	0.2196, 0.9804, 0.7255
CMYK	0.00, 0.97, 0.65, 0.22
HSL	340°, 95%, 40%
HSV	340°, 97%, 78%
XYZ	24.7129, 12.6929, 6.9418
YIQ	70.4160, 94.7590, 61.3430

# Conversions

## Conversions Part 2

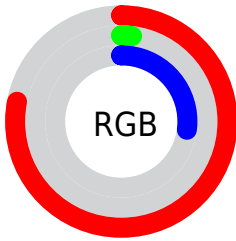
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 5, 70
Decimal	13043014
CIELab	42.30, 67.85, 20.61
CIElCh	42, 70.912, 16.900
Yxy	12.6929, 0.5573, 0.2862
Android (android.graphics.Color)	4291233094 (0xFFC70546)
YUV	70.4160, -0.2051, 112.7682
Hunter-Lab	35.6270, 61.4705, 13.3865

# Details

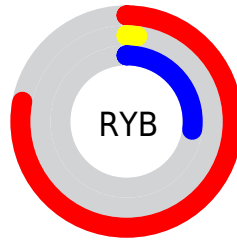
The Hex color **C70546** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05C786**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5776**, and **89001C** is the 20% darker color. If you saturate the color by 10%, you get **C70043**, and if you desaturate by 10%, it is **C71953**.

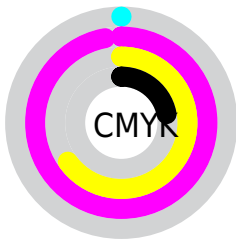
# Distribution



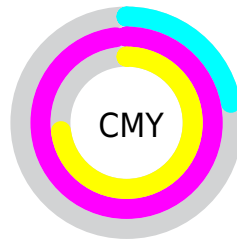
- Red (78%)
- Green (2%)
- Blue (27%)



- Red (78%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (97%)
- Yellow (65%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C70546 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 C70546 by changing the saturation by 10% instead.



 C70546

 C70546

FFFFFF

 A80030

 FF5776

 89001C

 FF748F

 6B0001

 FF91AA

 4D0003

 FFAFC5

 2E0002

 FFCCE1

 000000

 FFEAFD

 C70546

 C70546

 C70043

 C71953

 C72D60

 C7416E

 C7557B

 C76988

 C77C95

 C790A3

 C7A4B0

 C7B8BD

# Harmonies

## Analogous

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



BD0F80



C70546



B53907

# Triad

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



C70546



007600



0072D7

# Complementary

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



C70546



05C786

# 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.



007BB9



C70546



007B47

# Square

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



C70546



5B6B00



007C84



0060D6

# Rectangle

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



C70546



9D4F00



007C84



0076D0



# Sweetspot

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



C70546



FFB5CE



8305C7



805362



000000



808080



# Same Dimension

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



C70546



FF0055



C72205



635A5D



A30037



24000C



# Inverse Universe

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



C70546



FF0055



05AAC7



635A5D



A30037



24000C



# Previews

## White Background



This preview shows how the Hex color C70546 looks on a white background.

## Color Contrast Check

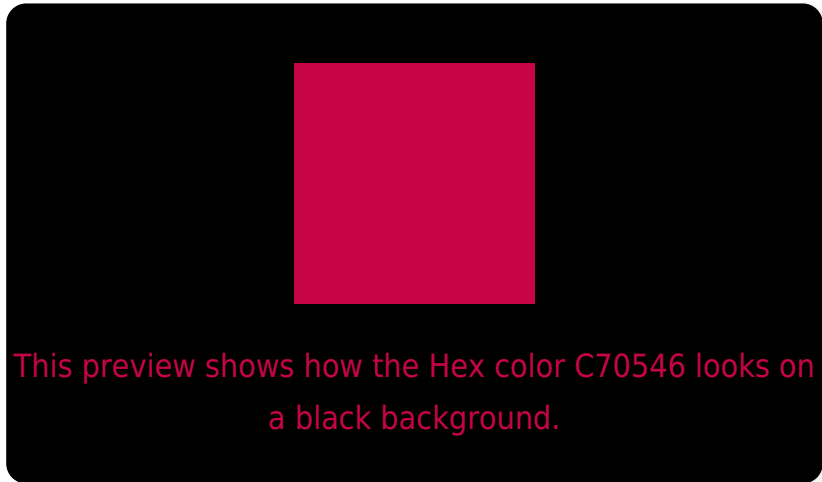
Large Text (above 18pt) WCAG AA ✓ Pass

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 C70546 Background



This preview shows how black text looks on a background with the Hex color C70546.

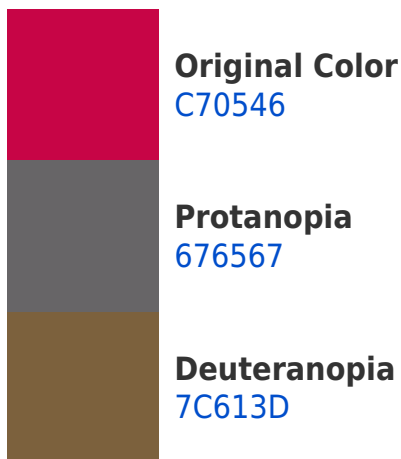


This preview shows how white text looks on a background with the Hex color C70546.

# 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**  
C61C1A

# Trichromacy



**Original Color**  
C70546



**Protanomaly**  
8A425B



**Deuteranomaly**  
974040



**Tritanomaly**  
C6142A

# Monochromacy



**Original Color**  
C70546



**Achromatopsia**  
464646



**Achromatomaly**  
752E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C70546 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 #C70546 looks like.

```
.text, #text, p{  
    color:#C70546  
}
```

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 #C70546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70546
}
```

## Border

The CSS property to change the border of an element to Hex C70546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

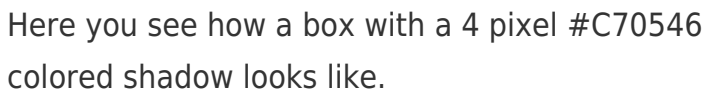
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C70546 }
```

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

```
.border{ border-color:#C70546 }
```

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



Here you see how a box with a 4 pixel `#C70546` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70546; -webkit-box-shadow:4px 4px  
4px 4px #C70546; box-shadow:4px 4px 4px  
4px #C70546 }
```

# Background

The CSS property to change the background color of an element to Hex C70546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70546 }
```

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

```
.background{ background-color:#C70546 }
```

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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