

# Converting Colors

Hex(CC4970)

Have a look what the booklet for  
Hex(CC4970) contains.

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# Color

**Hex(CC4970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4970
RGB	204, 73, 112
RGB Percent	80%, 29%, 44%
CMY	0.2000, 0.7137, 0.5608
CMYK	0.00, 0.64, 0.45, 0.20
HSL	342°, 56%, 54%
HSV	342°, 64%, 80%
XYZ	30.2090, 18.7723, 17.3605
YIQ	116.6150, 65.5570, 39.9010

# Conversions

## Conversions Part 2

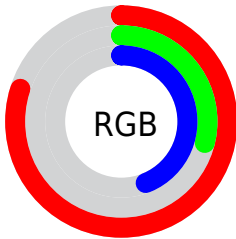
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 73, 112
Decimal	13388144
CIELab	50.42, 54.93, 6.07
CIElCh	50, 55.263, 6.302
Yxy	18.7723, 0.4554, 0.2830
Android (android.graphics.Color)	4291578224 (0xFFCC4970)
YUV	116.6150, -2.2752, 76.6366
Hunter-Lab	43.3270, 48.6337, 6.5723

# Details

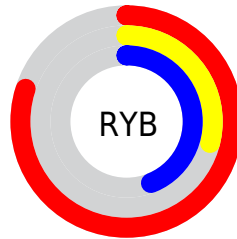
The Hex color **CC4970** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **49CCA5**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF80A4**, and **910141** is the 20% darker color. If you saturate the color by 10%, you get **CC3562**, and if you desaturate by 10%, it is **CC5D7E**.

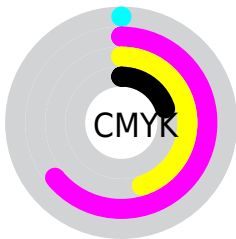
# Distribution



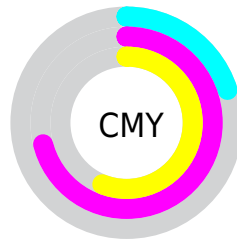
- Red (80%)
- Green (29%)
- Blue (44%)



- Red (80%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (64%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4970 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 CC4970 by changing the saturation by 10% instead.



 CC4970

 CC4970

FFFFFF

 AE2C58

 FF80A4

 910141

 FF9CBF

 74002B

 FFB8DA

 570017

 FFD5F7

 3E0002

 FFF2FF

 1B0001

 000000

 CC4970

 CC4970

 CC3562

 CC5D7E

 CC2053

 CC728D

 CC0C45

 CC869B

 CC003D

 CC9BA9

 CCAFB8

 CCC3C6

 CCD8D4

 CCECE3

 CCFFF1

# Harmonies

## Analogous

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



B8529F



CC4970



C65443

# Triad

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



CC4970



558524



0087CE

# Complementary

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



CC4970



49CCA5

# 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.



008DAF



CC4970



008B50

# Square

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



CC4970



867905



008E81



007AD6

# Rectangle

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



CC4970



B76128



008E81



008AC6



# Sweetspot

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



CC4970



FFCFDD



A549CC



80626B



000000



808080



# Same Dimension

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



CC4970



FF3B75



CC6349



665C5F



A60031



26000B



# Inverse Universe

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



CC4970



FF3B75



49B2CC



665C5F



A60031

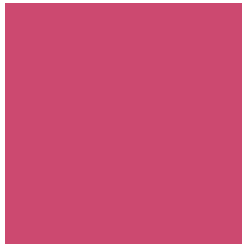


26000B



# Previews

## White Background



This preview shows how the Hex color CC4970 looks on a white background.

## Color Contrast Check

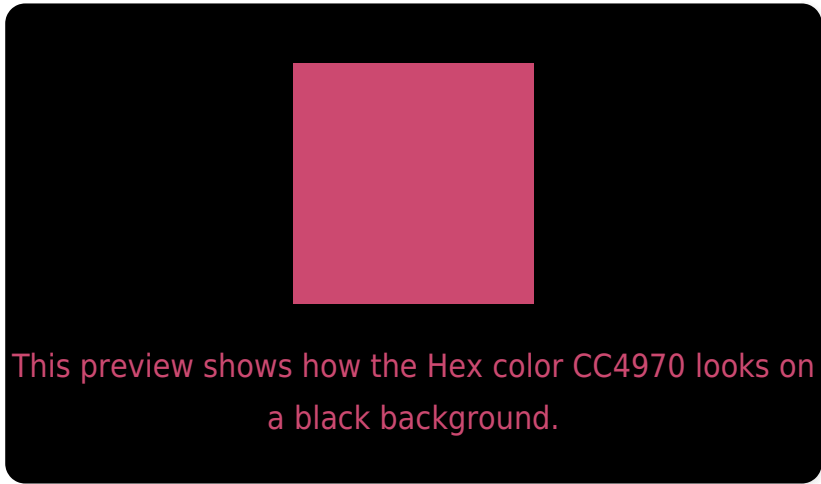
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC4970 Background



This preview shows how black text looks on a background with the Hex color CC4970.



This preview shows how white text looks on a background with the Hex color CC4970.

# 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**  
CA4F54

# Trichromacy



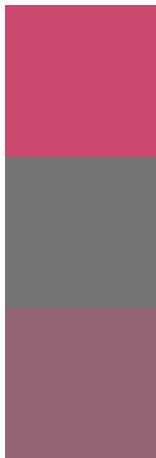
**Original Color**  
CC4970

**Protanomaly**  
956781

**Deuteranomaly**  
A2646C

**Tritanomaly**  
CB4D5E

# Monochromacy



**Original Color**  
CC4970

**Achromatopsia**  
757575

**Achromatomaly**  
956573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4970 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 #CC4970 looks like.

```
.text, #text, p{  
    color:#CC4970  
}
```

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 #CC4970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4970
}
```

## Border

The CSS property to change the border of an element to Hex CC4970 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
#CC4970 }
```

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

```
.border{ border-color:#CC4970 }
```

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

Here you see how a box with a 4 pixel #CC4970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4970; -webkit-box-shadow:4px 4px  
4px 4px #CC4970; box-shadow:4px 4px 4px  
4px #CC4970 }
```

# Background

The CSS property to change the background color of an element to Hex CC4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4970 }
```

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

```
.background{ background-color:#CC4970 }
```

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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