

# Converting Colors

Hex(C44B70)

Have a look what the booklet for  
Hex(C44B70) contains.

<b>Hex(C44B70)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C44B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C44B70
RGB	196, 75, 112
RGB Percent	77%, 29%, 44%
CMY	0.2314, 0.7059, 0.5608
CMYK	0.00, 0.62, 0.43, 0.23
HSL	342°, 51%, 53%
HSV	342°, 62%, 77%
XYZ	28.2057, 17.9378, 17.3050
YIQ	115.3970, 60.2390, 37.1590

# Conversions

## Conversions Part 2

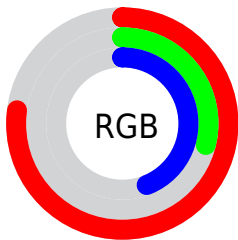
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 75, 112
Decimal	12864368
CIE <sub>Lab</sub>	49.42, 51.52, 4.46
CIE <sub>LCh</sub>	49, 51.713, 4.947
Yxy	17.9378, 0.4445, 0.2827
Android (android.graphics.Color)	4291054448 (0xFFC44B70)
YUV	115.3970, -1.6747, 70.6888
Hunter-Lab	42.3530, 44.7572, 5.4219

# Details

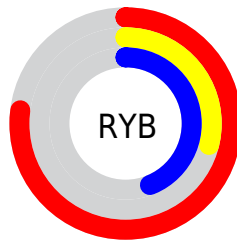
The Hex color **C44B70** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4BC49F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF81A4**, and **8A0B41** is the 20% darker color. If you saturate the color by 10%, you get **C43762**, and if you desaturate by 10%, it is **C45F7E**.

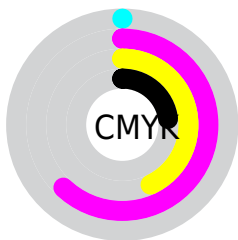
# Distribution



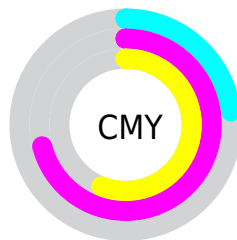
- Red (77%)
- Green (29%)
- Blue (44%)



- Red (77%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (23%)



- Cyan (23%)
- Magenta (71%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C44B70 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 C44B70 by changing the saturation by 10% instead.



 C44B70

 C44B70

FFFFFF

 A72F58

 FF81A4

 8A0B41

 FF9DBF

 6D002B

 FFB9DA

 510017

 FFD6F7

 390002

 FFF3FF

 0F0000

 000000

 C44B70

 C44B70

 C43762

 C45F7E

 C42455

 C4728B

 C41047

 C48699

 C4003C

 C499A6

 C4ADB4

 C4C1C2

 C4D4CF

 C4E8DD

 C4FBEA

# Harmonies

## Analogous

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



B0549B



C44B70



C05446

# Triad

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



C44B70



588127



0084C5

# Complementary

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



C44B70



4BC49F

# 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.



0089A7



C44B70



00884E

# Square

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



C44B70



857611



008A7C



0878CD

# Rectangle

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



C44B70



B25F2D



008A7C



0086BD



# Sweetspot

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



C44B70



FFCFDD



9E4BC4



80626B



000000



808080



# Same Dimension

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



C44B70



FF427C



C4614B



61575A



A10031



21000A



# Inverse Universe

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



C44B70



FF427C



4BAEC4



61575A



A10031



21000A



# Previews

## White Background



This preview shows how the Hex color C44B70 looks on a white background.

## Color Contrast Check

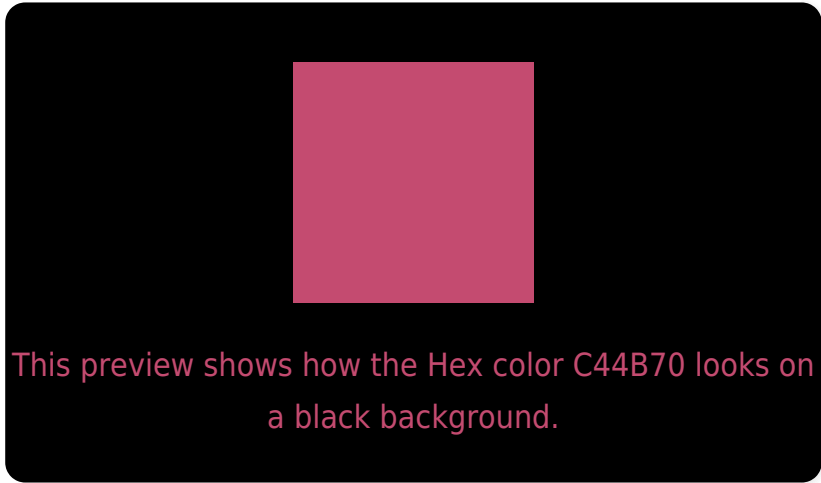
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 C44B70 Background



This preview shows how black text looks on a background with the Hex color C44B70.

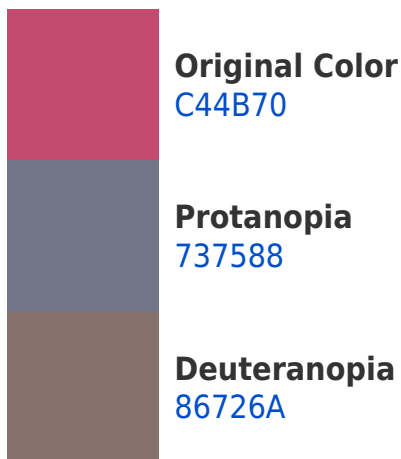


This preview shows how white text looks on a background with the Hex color C44B70.

# 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](#).

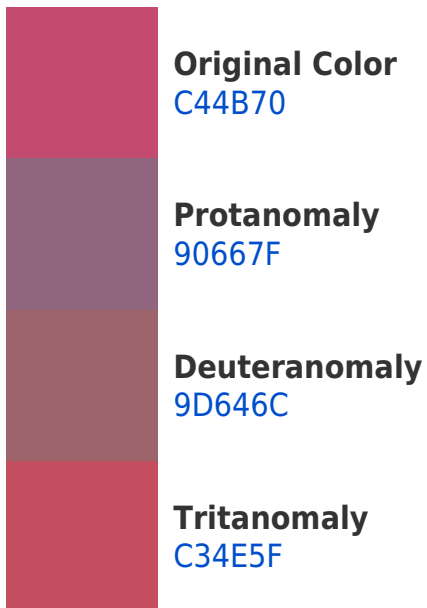
## Dichromacy



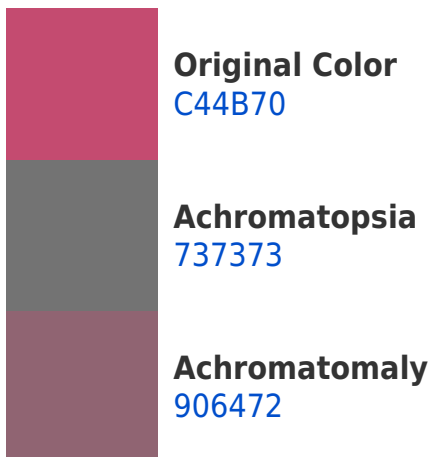


**Tritanopia**  
C25056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C44B70 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 #C44B70 looks like.

```
.text, #text, p{  
    color:#C44B70  
}
```

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 #C44B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C44B70  
}
```

## Border

The CSS property to change the border of an element to Hex C44B70 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  
#C44B70 }
```

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

```
.border{ border-color:#C44B70 }
```

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

Here you see how a box with a 4 pixel #C44B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C44B70; -webkit-box-shadow:4px 4px  
4px 4px #C44B70; box-shadow:4px 4px 4px  
4px #C44B70 }
```

# Background

The CSS property to change the background color of an element to Hex C44B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C44B70 }
```

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

```
.background{ background-color:#C44B70 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor