

# Converting Colors

Hex(C2437A)

Have a look what the booklet for  
Hex(C2437A) contains.

<b>Hex(C2437A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C2437A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2437A
RGB	194, 67, 122
RGB Percent	76%, 26%, 48%
CMY	0.2392, 0.7373, 0.5216
CMYK	0.00, 0.65, 0.37, 0.24
HSL	334°, 51%, 51%
HSV	334°, 65%, 76%
XYZ	27.7681, 16.8888, 20.2087
YIQ	111.2430, 58.0370, 44.0290

# Conversions

## Conversions Part 2

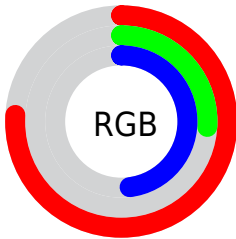
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 67, 122
Decimal	12731258
CIELab	48.12, 55.39, -3.53
CIELCh	48, 55.507, 356.351
Yxy	16.8888, 0.4281, 0.2604
Android (android.graphics.Color)	4290921338 (0xFFC2437A)
YUV	111.2430, 5.3032, 72.5779
Hunter-Lab	41.0960, 48.6928, -0.3883

# Details

The Hex color **C2437A** 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 **43C28B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FE7AAE**, and **88004A** is the 20% darker color. If you saturate the color by 10%, you get **C2306F**, and if you desaturate by 10%, it is **C25685**.

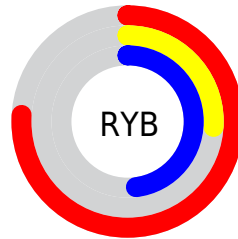
# Distribution



Red (76%)

Green (26%)

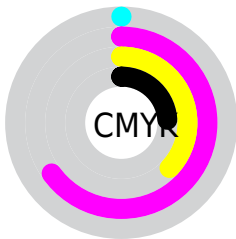
Blue (48%)



Red (76%)

Yellow (26%)

Blue (48%)

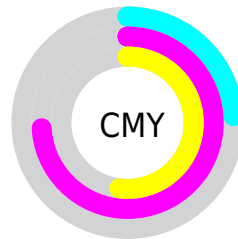


Cyan (0%)

Magenta (65%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (74%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2437A 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 C2437A by changing the saturation by 10% instead.



 C2437A

 C2437A

FFFFFF

 A52561

 FE7AAE

 88004A

 FF96CA

 6C0033

 FFB2E6

 50001E

 FFCFFF

 370003

 FFECFF

 0B0000

 000000

 C2437A

 C2437A

 C2306F

 C25685

 C21C64

 C26A90

 C20959

 C27D9B

 C20054

 C291A6

 C2A4B1

 C2B7BC

 C2CBC7

 C2DED2

 C2F2DD

# Harmonies

## Analogous

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



A552A7



C2437A



C4484C

# Triad

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



C2437A



607C0F



0084C0

# Complementary

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



C2437A



43C28B

# 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.



00889B



C2437A



13843B

# Square

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



C2437A



8E6E00



00876B



007AD0

# Rectangle

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



C2437A



B9542F



00876B



0086B5



# Sweetspot

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



C2437A



FCCAE0



8B43C2



80616E



000000



808080



# Same Dimension

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



C2437A



FC358B



C24B43



61575B



A10046



21000E



# Inverse Universe

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



C2437A



FC358B



43BAC2



61575B



A10046



21000E



# Previews

## White Background



This preview shows how the Hex color C2437A looks on a white background.

## Color Contrast Check

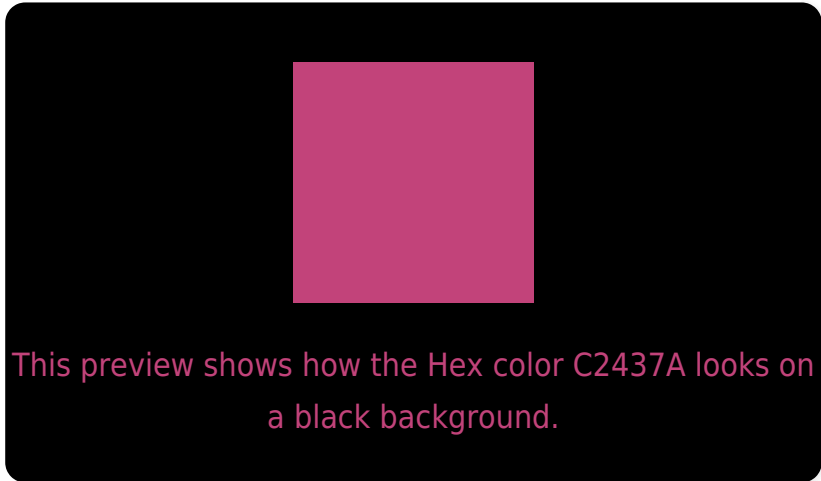
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2437A Background



This preview shows how black text looks on a background with the Hex color C2437A.



This preview shows how white text looks on a background with the Hex color C2437A.

# 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](#).

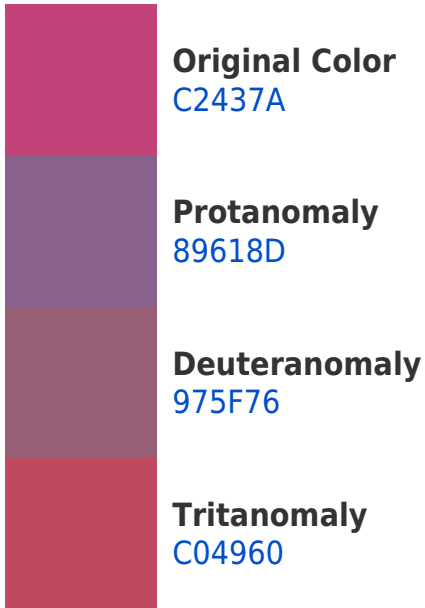
## Dichromacy





**Tritanopia**  
BF4C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2437A 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 #C2437A looks like.

```
.text, #text, p{  
    color:#C2437A  
}
```

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 #C2437A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2437A
}
```

## Border

The CSS property to change the border of an element to Hex C2437A 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
#C2437A }
```

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

```
.border{ border-color:#C2437A }
```

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

Here you see how a box with a 4 pixel #C2437A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2437A; -webkit-box-shadow:4px 4px  
4px 4px #C2437A; box-shadow:4px 4px 4px  
4px #C2437A }
```

# Background

The CSS property to change the background color of an element to Hex C2437A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2437A }
```

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

```
.background{ background-color:#C2437A }
```

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