

# Converting Colors

Hex(C241C4)

Have a look what the booklet for  
Hex(C241C4) contains.

<b>Hex(C241C4)</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(C241C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C241C4
RGB	194, 65, 196
RGB Percent	76%, 25%, 77%
CMY	0.2392, 0.7451, 0.2314
CMYK	0.01, 0.67, 0.00, 0.23
HSL	299°, 53%, 51%
HSV	299°, 67%, 77%
XYZ	34.1022, 19.2354, 54.1400
YIQ	118.5050, 34.8330, 68.0890

# Conversions

## Conversions Part 2

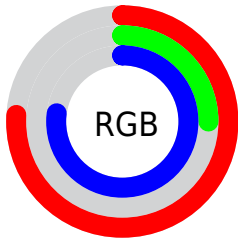
Format	Color
<a href="#">RYB</a>	<a href="#">194, 65, 196</a>
Decimal	<a href="#">12730820</a>
CIELab	<a href="#">50.96, 66.66, -43.00</a>
CIElCh	<a href="#">51, 79.327, 327.180</a>
Yxy	<a href="#">19.2354, 0.3173, 0.1790</a>
Android (android.graphics.Color)	<a href="#">4290920900 (0xFFC241C4)</a>
YUV	<a href="#">118.5050, 38.2050, 66.2091</a>
Hunter-Lab	<a href="#">43.8582, 62.0418, -42.4887</a>

# Details

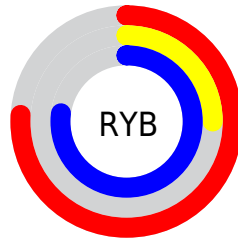
The Hex color **C241C4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **43C441**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FD7BFD**, and **89008E** is the 20% darker color. If you saturate the color by 10%, you get **C22DC4**, and if you desaturate by 10%, it is **C255C4**.

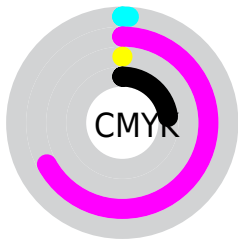
# Distribution



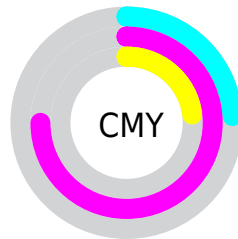
- Red (76%)
- Green (25%)
- Blue (77%)



- Red (76%)
- Yellow (25%)
- Blue (77%)



- Cyan (1%)
- Magenta (67%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (75%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C241C4 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 C241C4 by changing the saturation by 10% instead.



 C241C4

 C241C4

FFFFFF

 A51FA8

 FD7BFD

 89008E

 FF97FF

 6D0074

 FFB4FF

 51005A

 FFD1FF

 380042

 FFEEFF

 1A002B

 000115

 000000

 C241C4

 C241C4

 C22DC4

 C255C4

 C11AC4

 C368C4

 C106C4

 C37CC4

 C100C4

 C38FC4

 C3A3C4

 C4B7C4

 C4CAC4

 C4DEC4

 C5F1C4

# Harmonies

## Analogous

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



5E6AF4



C241C4



E90C83

# Triad

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



C241C4



997500



0096B6

# Complementary

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



C241C4



43C441

# 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.



009571



C241C4



578700

# Square

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



C241C4



CB5600



009127



0092EC

# Rectangle

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



C241C4



ED1756



009127



0096A0



# Sweetspot

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



C241C4



FECCFF



4143C4



7F6180



000000



808080



# Same Dimension

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



C241C4



FC33FF



C44185



615761



9E00A1



210021



# Inverse Universe

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



C44143



FF3336



41C480



615757



A10002



210001



# Previews

## White Background



This preview shows how the Hex color C241C4 looks on a white background.

## Color Contrast Check

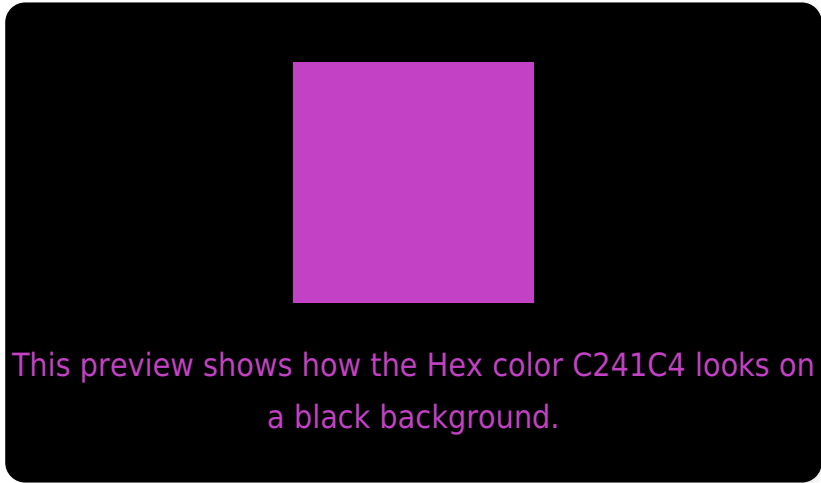
Large Text (above 18pt) WCAG AA ✓ Pass

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

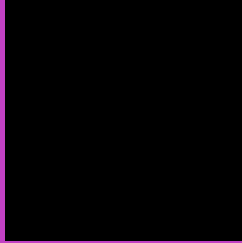
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C241C4 Background



This preview shows how black text looks on a background with the Hex color C241C4.

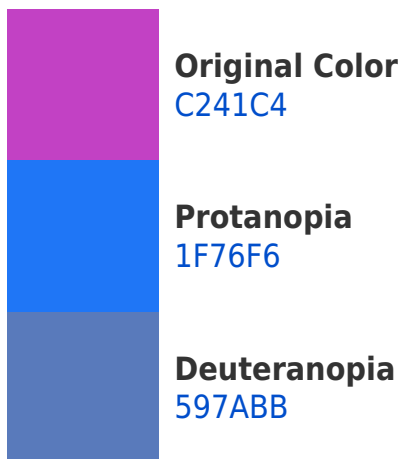


This preview shows how white text looks on a background with the Hex color C241C4.

# 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](#).

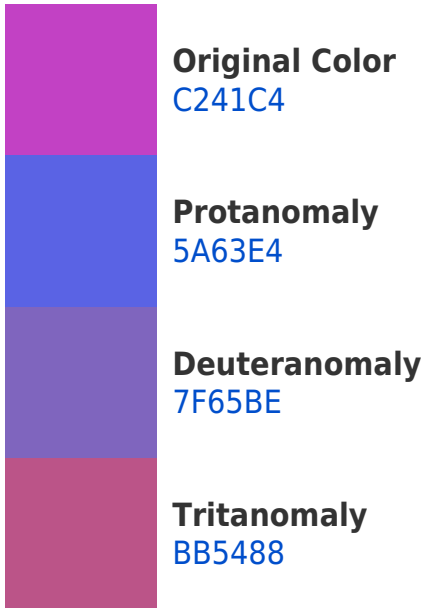
## Dichromacy





**Tritanopia**  
B75F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C241C4 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 #C241C4 looks like.

```
.text, #text, p{  
    color:#C241C4  
}
```

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 #C241C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C241C4
}
```

## Border

The CSS property to change the border of an element to Hex C241C4 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
#C241C4 }
```

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

```
.border{ border-color:#C241C4 }
```

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

Here you see how a box with a 4 pixel #C241C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C241C4; -webkit-box-shadow:4px 4px  
4px 4px #C241C4; box-shadow:4px 4px 4px  
4px #C241C4 }
```

# Background

The CSS property to change the background color of an element to Hex C241C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C241C4 }
```

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

```
.background{ background-color:#C241C4 }
```

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