

# Converting Colors

Hex(C942C5)

Have a look what the booklet for  
Hex(C942C5) contains.

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# Color

Hex(C942C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C942C5
RGB	201, 66, 197
RGB Percent	79%, 26%, 77%
CMY	0.2118, 0.7412, 0.2275
CMYK	0.00, 0.67, 0.02, 0.21
HSL	302°, 56%, 52%
HSV	302°, 67%, 79%
XYZ	36.1137, 20.3452, 54.8469
YIQ	121.2990, 38.4090, 69.3610

# Conversions

## Conversions Part 2

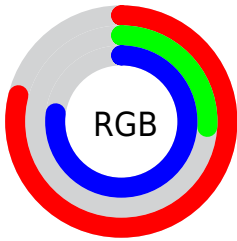
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 66, 197</a>
Decimal	<a href="#">13189829</a>
CIELab	<a href="#">52.23, 68.07, -41.50</a>
CIElCh	<a href="#">52, 79.725, 328.628</a>
Yxy	<a href="#">20.3452, 0.3245, 0.1828</a>
Android (android.graphics.Color)	<a href="#">4291379909 (0xFFC942C5)</a>
YUV	<a href="#">121.2990, 37.3206, 69.8978</a>
Hunter-Lab	<a href="#">45.1056, 63.9806, -40.5208</a>

# Details

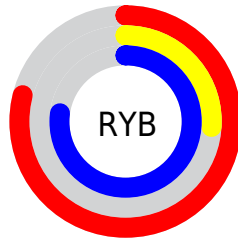
The Hex color **C942C5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42C946**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7CFE**, and **8F008F** is the 20% darker color. If you saturate the color by 10%, you get **C92EC4**, and if you desaturate by 10%, it is **C956C6**.

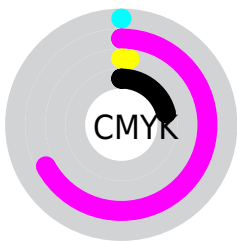
# Distribution



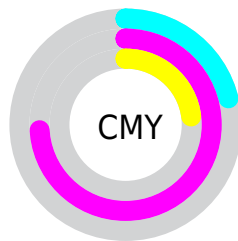
- Red (79%)
- Green (26%)
- Blue (77%)



- Red (79%)
- Yellow (26%)
- Blue (77%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (74%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C942C5 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 C942C5 by changing the saturation by 10% instead.



 C942C5

 C942C5

FFFFFF

 AC20A9

 FF7CFE

 8F008F

 FF99FF

 730075

 FFB6FF

 57005B

 FFD3FF

 3E0043

 FFF0FF

 22002C

 000116

 000000

 C942C5

 C942C5

 C92EC4

 C956C6

 C91AC4

 C96AC6

 C906C3

 C97EC7

 C900C3

 C992C7

 C9A7C8

 C9BBC9

 C9CFC9

 C9E3CA

 C9F7CA

# Harmonies

## Analogous

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



6A6CF6



C942C5



EE1383

# Triad

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



C942C5



9A7900



0099BD

# Complementary

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



C942C5



42C946

# 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.



009977



C942C5



568B00

# Square

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



C942C5



CD5B00



00952E



0095F2

# Rectangle

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



C942C5



F11F56



00952E



009AA7



# Sweetspot

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



C942C5



FFCCFD



4442C9



80617F



000000



808080



# Same Dimension

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



C942C5



FF30F9



C94283



635A63



A3009E



240023



# Inverse Universe

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



C942C5



FF30F9



42C988



635A63



A3009E



240023



# Previews

## White Background



This preview shows how the Hex color C942C5 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 C942C5 Background



This preview shows how black text looks on a background with the Hex color C942C5.

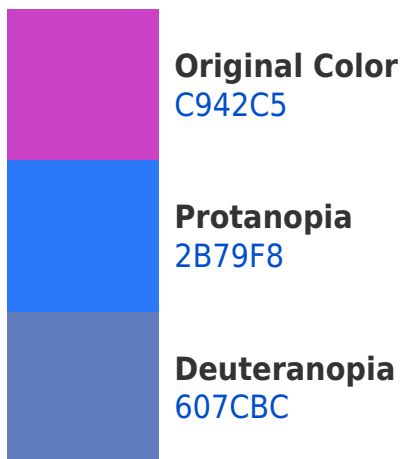


This preview shows how white text looks on a background with the Hex color C942C5.

# Color Blindness Simulation

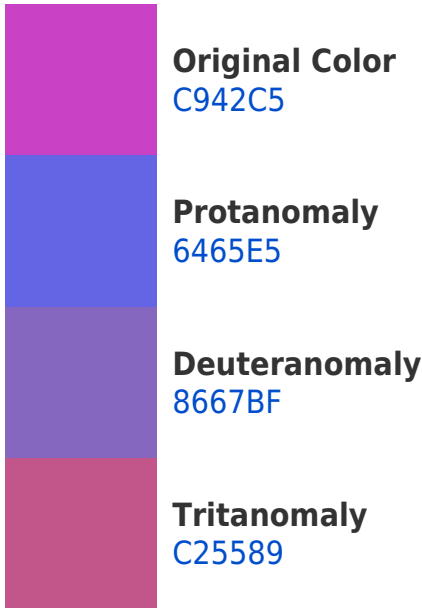
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

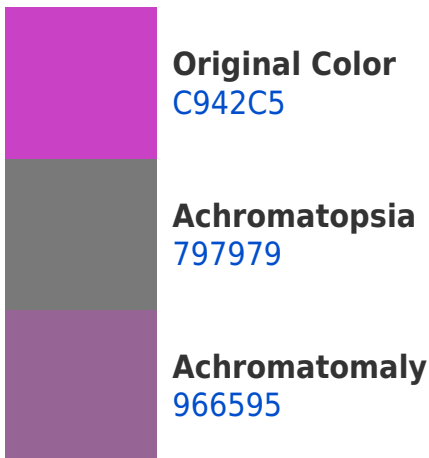




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C942C5 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 #C942C5 looks like.

```
.text, #text, p{  
    color:#C942C5  
}
```

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 #C942C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C942C5
}
```

## Border

The CSS property to change the border of an element to Hex C942C5 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
#C942C5 }
```

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

```
.border{ border-color:#C942C5 }
```

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

Here you see how a box with a 4 pixel #C942C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C942C5; -webkit-box-shadow:4px 4px  
4px 4px #C942C5; box-shadow:4px 4px 4px  
4px #C942C5 }
```

# Background

The CSS property to change the background color of an element to Hex C942C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C942C5 }
```

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

```
.background{ background-color:#C942C5 }
```

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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