

# Converting Colors

Hex(C37EC2)

Have a look what the booklet for  
Hex(C37EC2) contains.

<b>Hex(C37EC2)</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(C37EC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	C37EC2
RGB	195, 126, 194
RGB Percent	76%, 49%, 76%
CMY	0.2353, 0.5059, 0.2392
CMYK	0.00, 0.35, 0.01, 0.24
HSL	301°, 37%, 63%
HSV	301°, 35%, 76%
XYZ	39.7041, 30.4189, 54.8177
YIQ	154.3830, 19.2960, 35.7760

# Conversions

## Conversions Part 2

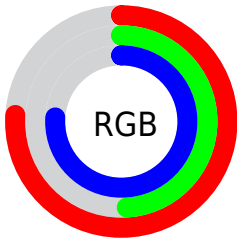
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 126, 194
Decimal	12811970
CIELab	62.01, 37.50, -24.60
CIELCh	62, 44.849, 326.738
Yxy	30.4189, 0.3178, 0.2435
Android (android.graphics.Color)	4291002050 (0xFFC37EC2)
YUV	154.3830, 19.5312, 35.6211
Hunter-Lab	55.1533, 31.9816, -20.3220

# Details

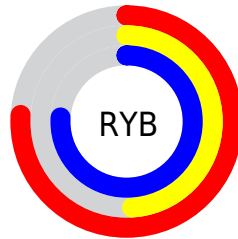
The Hex color **C37EC2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7EC37F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FDB4FB**, and **8C4B8C** is the 20% darker color. If you saturate the color by 10%, you get **C36BC2**, and if you desaturate by 10%, it is **C392C2**.

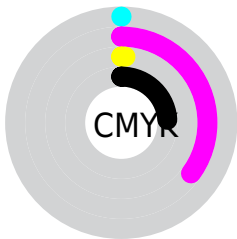
# Distribution



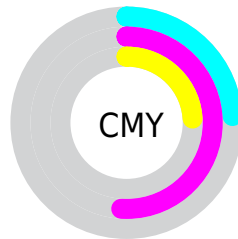
- Red (76%)
- Green (49%)
- Blue (76%)



- Red (76%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37EC2 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 C37EC2 by changing the saturation by 10% instead.





C37EC2



C37EC2

FFFFFF



A764A7



FDB4FB



8C4B8C



FFD0FF



723272



FFECFF



58195A



3F0042



29002C



000016



000000



C37EC2



C37EC2

 C36BC2

 C392C2

 C357C1

 C3A5C3

 C344C1

 C3B9C3

 C330C1

 C3CCC3

 C31DC1

 C3E0C3

 C309C0

 C3F3C4

 C300C0

 C3FFC4

 C3FFC5

# Harmonies

## Analogous

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



928DDD



C37EC2



DD759C

# Triad

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



C37EC2



B19244



00AAB8

# Complementary

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



C37EC2



7EC37F

# 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.



00AA90



C37EC2



8A9E4C

# Square

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



C37EC2



D08454



59A669



00A5D7

# Rectangle

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



C37EC2



E17581



59A669



00AAAB



# Sweetspot

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



C37EC2



FCE1FC



7E7EC3



806F7F



000000



808080



# Same Dimension

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



C37EC2



FC92FB



C37EA1



615761



A1009E



210021



# Inverse Universe

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



C37EC2



FC92FB



7EC3A1



615761



A1009E

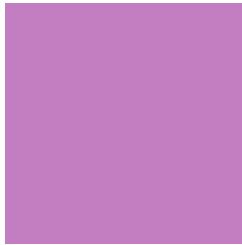


210021



# Previews

## White Background



This preview shows how the Hex color C37EC2 looks on a white background.

## Color Contrast Check

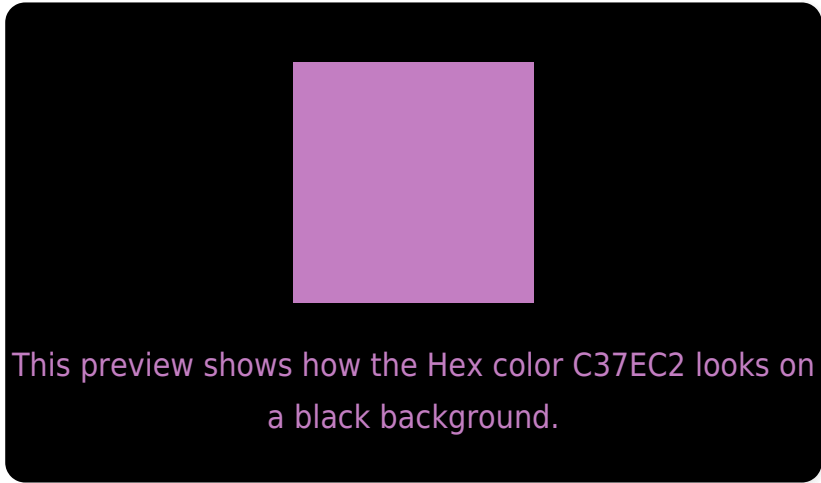
Large Text (above 18pt) WCAG AA × Fail

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

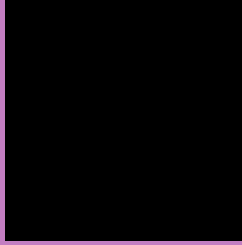
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C37EC2 Background



This preview shows how black text looks on a background with the Hex color C37EC2.

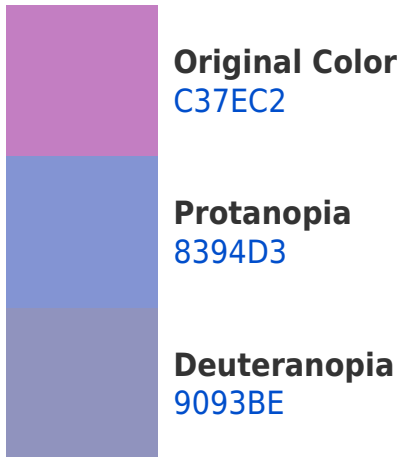


This preview shows how white text looks on a background with the Hex color C37EC2.

# 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](#).

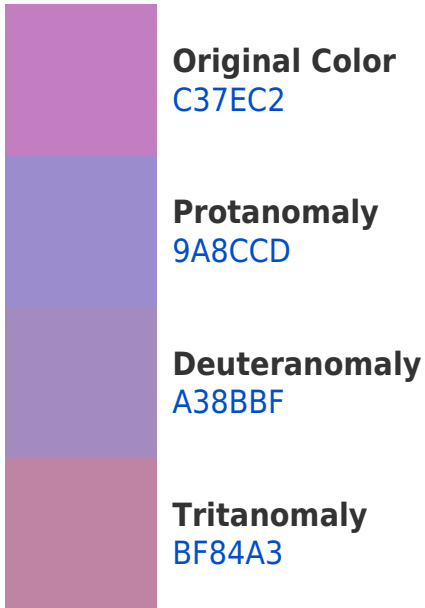
## Dichromacy



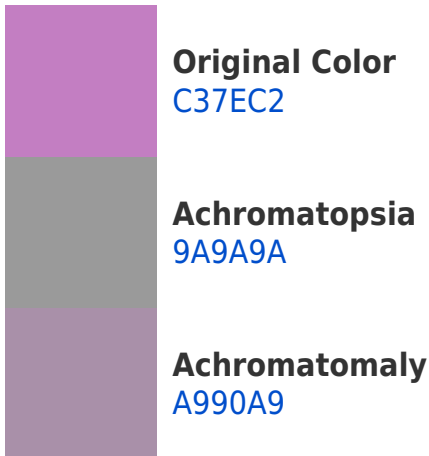


**Tritanopia**  
BD8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37EC2 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 #C37EC2 looks like.

```
.text, #text, p{  
    color:#C37EC2  
}
```

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 #C37EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37EC2
}
```

## Border

The CSS property to change the border of an element to Hex C37EC2 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
#C37EC2 }
```

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

```
.border{ border-color:#C37EC2 }
```

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

Here you see how a box with a 4 pixel #C37EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37EC2; -webkit-box-shadow:4px 4px  
4px 4px #C37EC2; box-shadow:4px 4px 4px  
4px #C37EC2 }
```

# Background

The CSS property to change the background color of an element to Hex C37EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37EC2 }
```

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

```
.background{ background-color:#C37EC2 }
```

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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