

Converting Colors

Hex(C837C7)

Have a look what the booklet for
Hex(C837C7) contains.

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Color

Hex(C837C7)

Conversions

Conversions Part 1

Format	Color
Hex	C837C7
RGB	200, 55, 199
RGB Percent	78%, 22%, 78%
CMY	0.2157, 0.7843, 0.2196
CMYK	0.00, 0.72, 0.00, 0.22
HSL	300°, 57%, 50%
HSV	300°, 72%, 78%
XYZ	35.4944, 19.1353, 55.8555
YIQ	114.7710, 40.1960, 75.5240

Conversions

Conversions Part 2

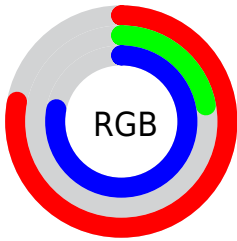
Format	Color
R _{YB}	200, 55, 199
Decimal	13121479
CIE Lab	50.85, 71.94, -44.85
CIE LCh	51, 84.774, 328.056
Yxy	19.1353, 0.3213, 0.1732
Android (android.graphics.Color)	4291311559 (0xFFC837C7)
YUV	114.7710, 41.5249, 74.7458
Hunter-Lab	43.7439, 68.2857, -45.0853

Details

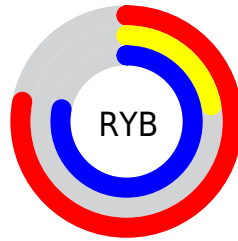
The Hex color **C837C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **37C838**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF74FF**, and **8E0090** is the 20% darker color. If you saturate the color by 10%, you get **C823C7**, and if you desaturate by 10%, it is **C84BC7**.

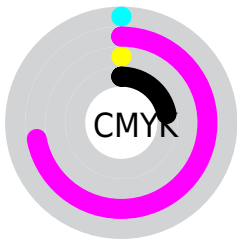
Distribution



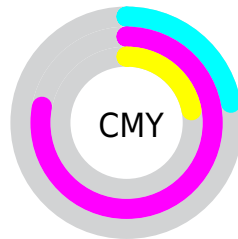
- Red (78%)
- Green (22%)
- Blue (78%)



- Red (78%)
- Yellow (22%)
- Blue (78%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C837C7 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 C837C7 by changing the saturation by 10% instead.

 C837C7

 C837C7

FFFFFF

 AB09AB

 FF74FF

 8E0090

 FF91FF

 720076

 FFAEFF

 56005D

 FFCBFF

 3C0045

 FFE9FF

 1F002D

 000117

 000000

 C837C7

 C837C7

 C823C7

 C84BC7

 C80FC7

 C85FC7

 C800C7

 C873C7

 C887C8

 C89BC8

 C8AFC8

 C8C3C8

 C8D7C8

 C8EBC8

Harmonies

Analogous

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



5D68FB



C837C7



F00081

Triad

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



C837C7



987500



0097BC

Complementary

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



C837C7



37C838

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.



009672



C837C7



4F8800

Square

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



C837C7



CD5300



009221



0093F5

Rectangle

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



C837C7



F30052



009221



0097A4

Sweetspot

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



C837C7



FFC7FF



3737C8



805E7F



000000



808080

Same Dimension

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



C837C7



FF21FD



C83780



635A63



A300A2



240023

Inverse Universe

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



C837C7



FF21FD



37C880



635A63



A300A2



240023

Previews

White Background



This preview shows how the Hex color C837C7 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

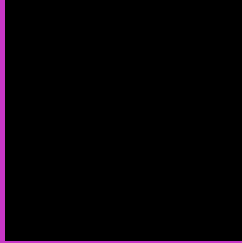
Any Text WCAG AA ✓ Pass

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 C837C7 Background



This preview shows how black text looks on a background with the Hex color C837C7.




This preview shows how white text looks on a background with the Hex color C837C7.

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](#).

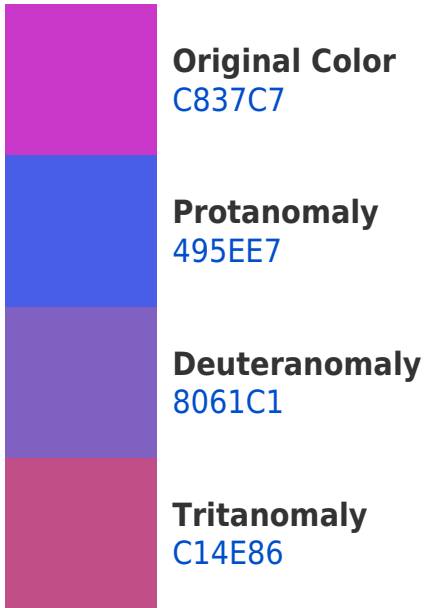
Dichromacy





Tritanopia
BD5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C837C7 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 #C837C7 looks like.

```
.text, #text, p{  
    color:#C837C7  
}
```

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 #C837C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C837C7
}
```

Border

The CSS property to change the border of an element to Hex C837C7 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
#C837C7 }
```

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

```
.border{ border-color:#C837C7 }
```

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

Here you see how a box with a 4 pixel #C837C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C837C7; -webkit-box-shadow:4px 4px  
4px 4px #C837C7; box-shadow:4px 4px 4px  
4px #C837C7 }
```

Background

The CSS property to change the background color of an element to Hex C837C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C837C7 }
```

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

```
.background{ background-color:#C837C7 }
```

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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