

Converting Colors

Hex(C737C8)

Have a look what the booklet for
Hex(C737C8) contains.

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Color

Hex(C737C8)

Conversions

Conversions Part 1

Format	Color
Hex	C737C8
RGB	199, 55, 200
RGB Percent	78%, 22%, 78%
CMY	0.2196, 0.7843, 0.2157
CMYK	0.00, 0.72, 0.00, 0.22
HSL	300°, 57%, 50%
HSV	300°, 72%, 78%
XYZ	35.3447, 19.0446, 56.4567
YIQ	114.5860, 39.2790, 75.6230

Conversions

Conversions Part 2

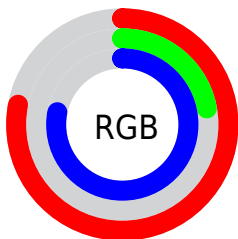
Format	Color
R _{YB}	199, 55, 200
Decimal	13055944
CIE Lab	50.74, 71.89, -45.61
CIE LCh	51, 85.132, 327.607
Yxy	19.0446, 0.3189, 0.1718
Android (android.graphics.Color)	4291246024 (0xFFC737C8)
YUV	114.5860, 42.1091, 74.0311
Hunter-Lab	43.6401, 68.1992, -46.1546

Details

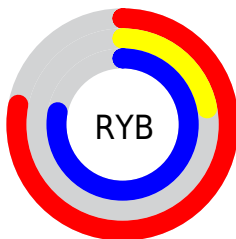
The Hex color **C737C8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **38C837**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF74FF**, and **8D0091** is the 20% darker color. If you saturate the color by 10%, you get **C723C8**, and if you desaturate by 10%, it is **C74BC8**.

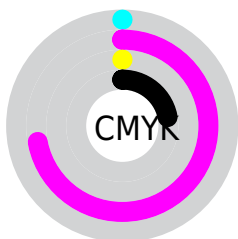
Distribution



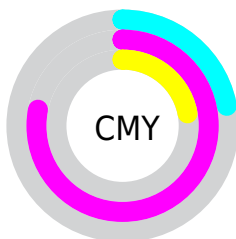
- Red (78%)
- Green (22%)
- Blue (78%)



- 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 C737C8 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 C737C8 by changing the saturation by 10% instead.

 C737C8

 C737C8

FFFFFF

 AA09AC

 FF74FF

 8D0091

 FF91FF

 710077

 FFAEFF

 55005E

 FFCBFF

 3B0046

 FFE8FF

 1D002E

 000118

 000000

 C737C8

 C737C8

 C723C8

 C74BC8

 C70FC8

 C75FC8

 C700C8

 C773C8

 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.



5968FC



C737C8



F00082

Triad

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



C737C8



987400



0097BB

Complementary

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



C737C8



38C837

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.



009671



C737C8



508800

Square

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



C737C8



CE5200



00911F



0093F4

Rectangle

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



C737C8



F30052



00911F



0097A3

Sweetspot

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



C737C8



FFC7FF



3739C8



7F5E80



000000



808080

Same Dimension

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



C737C8



FD21FF



C83782



635A63



A200A3



230024

Inverse Universe

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



C83738



FF2123



37C87D



635A5A



A30001



240000

Previews

White Background



This preview shows how the Hex color C737C8 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

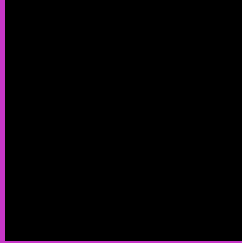
Any Text WCAG AA ✓ Pass

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 C737C8 Background



This preview shows how black text looks on a background with the Hex color C737C8.




This preview shows how white text looks on a background with the Hex color C737C8.

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](#).

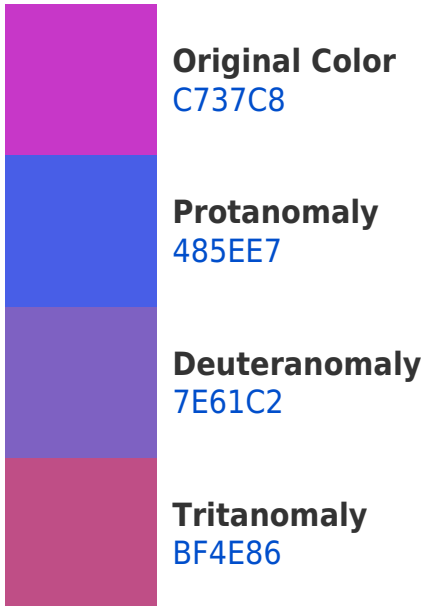
Dichromacy





Tritanopia
BB5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C737C8 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 #C737C8 looks like.

```
.text, #text, p{  
    color:#C737C8  
}
```

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 #C737C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C737C8
}
```

Border

The CSS property to change the border of an element to Hex C737C8 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
#C737C8 }
```

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

```
.border{ border-color:#C737C8 }
```

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

Here you see how a box with a 4 pixel #C737C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C737C8; -webkit-box-shadow:4px 4px  
4px 4px #C737C8; box-shadow:4px 4px 4px  
4px #C737C8 }
```

Background

The CSS property to change the background color of an element to Hex C737C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C737C8 }
```

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

```
.background{ background-color:#C737C8 }
```

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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