

Converting Colors

Hex(C868E2)

Have a look what the booklet for
Hex(C868E2) contains.

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Color

Hex(C868E2)

Conversions

Conversions Part 1

Format	Color
Hex	C868E2
RGB	200, 104, 226
RGB Percent	78%, 41%, 89%
CMY	0.2157, 0.5922, 0.1137
CMYK	0.12, 0.54, 0.00, 0.11
HSL	287°, 68%, 65%
HSV	287°, 54%, 89%
XYZ	42.4972, 27.6710, 75.0527
YIQ	146.6120, 18.0540, 58.2940

Conversions

Conversions Part 2

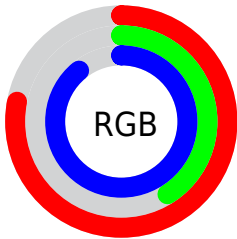
Format	Color
R _Y B	200, 104, 226
Decimal	13134050
CIE Lab	59.59, 56.51, -46.34
CIE LCh	60, 73.086, 320.648
Yxy	27.6710, 0.2926, 0.1905
Android (android.graphics.Color)	4291324130 (0xFFC868E2)
YUV	146.6120, 39.1383, 46.8213
Hunter-Lab	52.6032, 52.1514, -47.7710

Details

The Hex color **C868E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82E268**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9FFF**, and **8F32AA** is the 20% darker color. If you saturate the color by 10%, you get **C351E2**, and if you desaturate by 10%, it is **CD7FE2**.

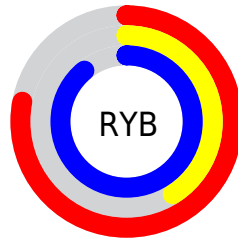
Distribution



Red (78%)

Green (41%)

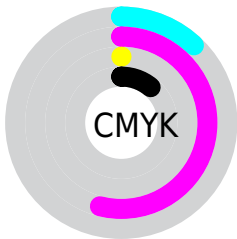
Blue (89%)



Red (78%)

Yellow (41%)

Blue (89%)

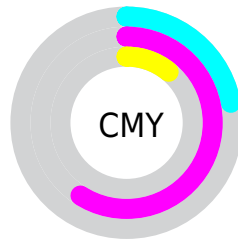


Cyan (12%)

Magenta (54%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (59%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C868E2 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 C868E2 by changing the saturation by 10% instead.

 C868E2

 C868E2

FFFFFF

 AB4DC6

 FF9FFF

 8F32AA

 FFBBFF

 74118F

 FFD7FF

 590075

 FFF4FF

 3E005C

 270044

 00002C

 000116

 000000

 C868E2

 C868E2

 C351E2

 CD7FE2

 BE3BE2

 D295E2

 BA24E2

 D6ACE2

 B50EE2

 DBC2E2

 B200E2

 E0D9E2

 E5F0E2

 EAFFE2

 EFFF2

 F3FFE2

Harmonies

Analogous

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



5E87FF



C868E2



F74BA7

Triad

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



C868E2



BD8500



00ACBB

Complementary

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



C868E2



82E268

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.



00AB79



C868E2



829A00

Square

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



C868E2



E9692A



22A536



00A9F2

Rectangle

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



C868E2



FF487B



22A536



00ACA5

Sweetspot

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



C868E2



F6D6FF



6882E2



7A6780



000000



808080

Same Dimension

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



C868E2



DC59FF



E268BF



6E6570



8A00B0



260030

Inverse Universe

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



E26882



FF597D



68E28B



706567



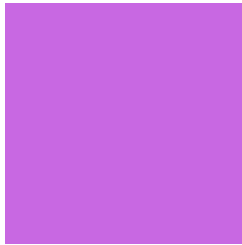
B00025



30000A

Previews

White Background



This preview shows how the Hex color C868E2 looks on a white background.

Color Contrast Check

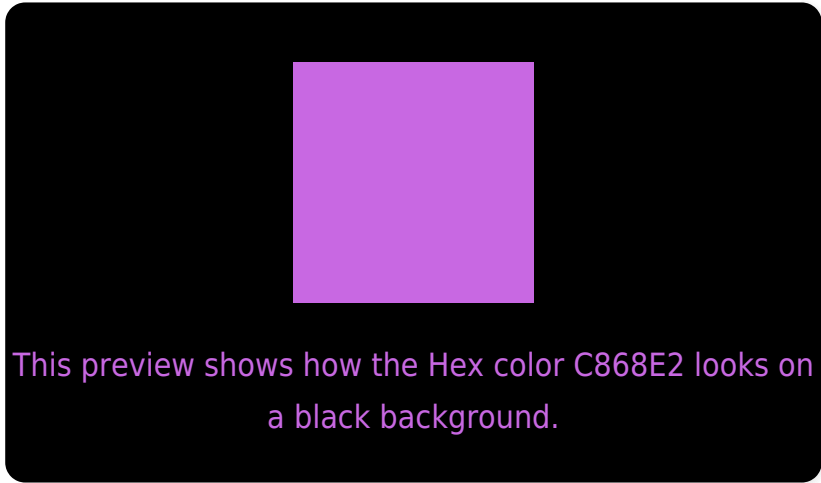
Large Text (above 18pt) WCAG AA ✓ Pass

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

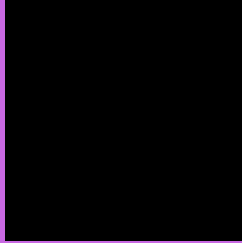
Any Text WCAG AA ✓ Pass

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 C868E2 Background



This preview shows how black text looks on a background with the Hex color C868E2.



This preview shows how white text looks on a background with the Hex color C868E2.

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
BB7F89

Trichromacy



Original Color
C868E2



Protanomaly
827FF4



Deuteranomaly
8D81DE



Tritanomaly
C077A9

Monochromacy



Original Color
C868E2



Achromatopsia
939393



Achromatomaly
A683B0

CSS Examples

Text

The CSS property to change the color of the text to Hex C868E2 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 #C868E2 looks like.

```
.text, #text, p{  
    color:#C868E2  
}
```

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 #C868E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C868E2
}
```

Border

The CSS property to change the border of an element to Hex C868E2 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".

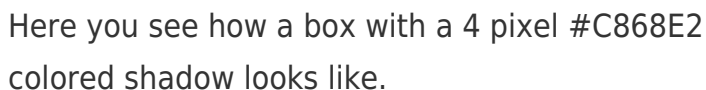
```
.border, #border, table{ border:4px solid
#C868E2 }
```

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

```
.border{ border-color:#C868E2 }
```

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

Here you see how a box with a 4 pixel #C868E2 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C868E2; -webkit-box-shadow:4px 4px  
4px 4px #C868E2; box-shadow:4px 4px 4px  
4px #C868E2 }
```

Background

The CSS property to change the background color of an element to Hex C868E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C868E2 }
```

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

```
.background{ background-color:#C868E2 }
```

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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