

Converting Colors

Hex(CE38A8)

Have a look what the booklet for
Hex(CE38A8) contains.

Hex(CE38A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE38A8)

Conversions

Conversions Part 1

Format	Color
Hex	CE38A8
RGB	206, 56, 168
RGB Percent	81%, 22%, 66%
CMY	0.1922, 0.7804, 0.3412
CMYK	0.00, 0.73, 0.18, 0.19
HSL	315°, 60%, 51%
HSV	315°, 73%, 81%
XYZ	33.9357, 18.7773, 38.8816
YIQ	113.6180, 53.4480, 66.6320

Conversions

Conversions Part 2

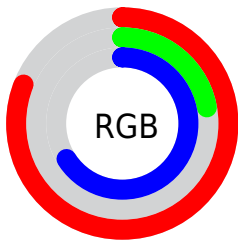
Format	Color
R _Y B	206, 56, 168
Decimal	13514920
CIE _{Lab}	50.43, 68.39, -27.37
CIE _{LCh}	50, 73.666, 338.193
Yxy	18.7773, 0.3705, 0.2050
Android (android.graphics.Color)	4291705000 (0xFFCE38A8)
YUV	113.6180, 26.8103, 81.0190
Hunter-Lab	43.3328, 63.9581, -22.8667

Details

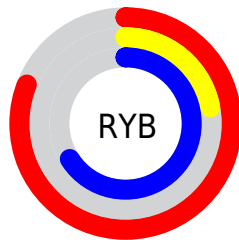
The Hex color **CE38A8** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **38CE5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF74DF**, and **940074** is the 20% darker color. If you saturate the color by 10%, you get **CE23A3**, and if you desaturate by 10%, it is **CE4DAD**.

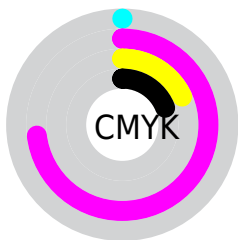
Distribution



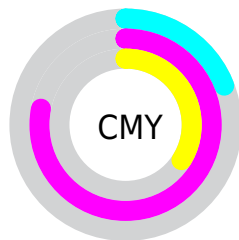
- Red (81%)
- Green (22%)
- Blue (66%)



- Red (81%)
- Yellow (22%)
- Blue (66%)



- Cyan (0%)
- Magenta (73%)
- Yellow (18%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE38A8 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 CE38A8 by changing the saturation by 10% instead.

 CE38A8

 CE38A8

FFFFFF

 B10D8D

 FF74DF

 940074

 FF91FC

 77005B

 FFAEFF

 5B0043

 FFCBFF

 42002D

 FFE9FF

 240017

 000000

 CE38A8

 CE38A8

 CE23A3

 CE4DAD

 CE0F9E

 CE61B2

 CE009A

 CE76B8

 CE8ABD

 CE9FC2

 CEB4C7

 CEC8CD

 CEDDD2

 CEF1D7

Harmonies

Analogous

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



8C5EDC



CE38A8



E4236A

Triad

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



CE38A8



827B00



0092C5

Complementary

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



CE38A8



38CE5E

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.



009388



CE38A8



3A8900

Square

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



CE38A8



B66300



009046



008BED

Rectangle

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



CE38A8



E03541



009046



0093B2

Sweetspot

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



CE38A8



FFC7F1



5E38CE



805E77



000000



808080

Same Dimension

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



CE38A8



FF21C7



CE385E



665C63



A6007C



26001D

Inverse Universe

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



CE38A8



FF21C7



38CEA9



665C63



A6007C



26001D

Previews

White Background



This preview shows how the Hex color CE38A8 looks on a white background.

Color Contrast Check

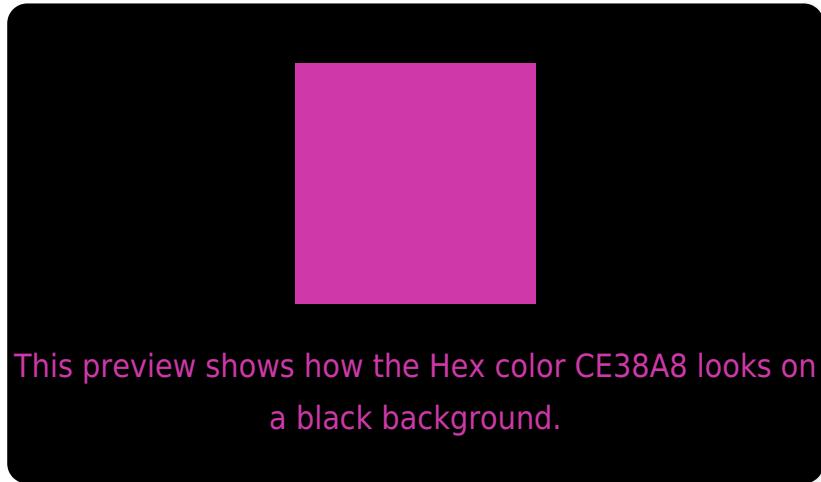
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE38A8 Background



This preview shows how black text looks on a background with the Hex color CE38A8.

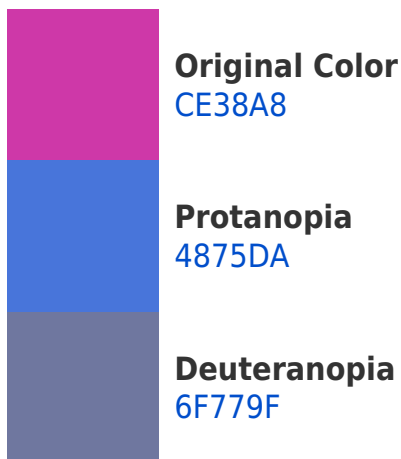


This preview shows how white text looks on a background with the Hex color CE38A8.

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
C75257

Trichromacy



Original Color
CE38A8



Protanomaly
795FC8



Deuteranomaly
9260A2

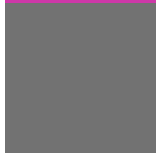


Tritanomaly
CA4974

Monochromacy



Original Color
CE38A8



Achromatopsia
727272



Achromatomaly
935D86

CSS Examples

Text

The CSS property to change the color of the text to Hex CE38A8 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 #CE38A8 looks like.

```
.text, #text, p{  
    color:#CE38A8  
}
```

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 #CE38A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE38A8
}
```

Border

The CSS property to change the border of an element to Hex CE38A8 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
#CE38A8 }
```

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

```
.border{ border-color:#CE38A8 }
```

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

Here you see how a box with a 4 pixel #CE38A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE38A8; -webkit-box-shadow:4px 4px  
4px 4px #CE38A8; box-shadow:4px 4px 4px  
4px #CE38A8 }
```

Background

The CSS property to change the background color of an element to Hex CE38A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE38A8 }
```

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

```
.background{ background-color:#CE38A8 }
```

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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