

Converting Colors

Hex(C73DA8)

Have a look what the booklet for
Hex(C73DA8) contains.

Hex(C73DA8)	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(C73DA8)

Conversions

Conversions Part 1

Format	Color
Hex	C73DA8
RGB	199, 61, 168
RGB Percent	78%, 24%, 66%
CMY	0.2196, 0.7608, 0.3412
CMYK	0.00, 0.69, 0.16, 0.22
HSL	313°, 55%, 51%
HSV	313°, 69%, 78%
XYZ	32.2898, 18.3068, 38.8775
YIQ	114.4600, 47.9010, 62.5330

Conversions

Conversions Part 2

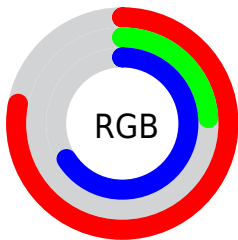
Format	Color
R_{YB}	199, 61, 168
Decimal	13057448
CIE _{Lab}	49.87, 64.98, -28.32
CIE _{LCh}	50, 70.882, 336.447
Yxy	18.3068, 0.3609, 0.2046
Android (android.graphics.Color)	4291247528 (0xFFC73DA8)
YUV	114.4600, 26.3952, 74.1416
Hunter-Lab	42.7864, 59.8333, -23.9229

Details

The Hex color **C73DA8** 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 **3DC75C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF77DF**, and **8D0074** is the 20% darker color. If you saturate the color by 10%, you get **C729A4**, and if you desaturate by 10%, it is **C751AC**.

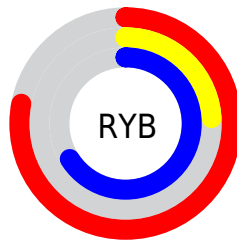
Distribution



Red (78%)

Green (24%)

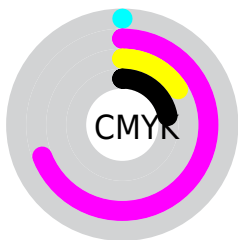
Blue (66%)



Red (78%)

Yellow (24%)

Blue (66%)

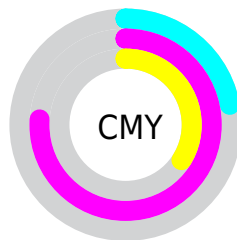


Cyan (0%)

Magenta (69%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C73DA8 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 C73DA8 by changing the saturation by 10% instead.

 C73DA8

 C73DA8


FFFFFF

 AA198D

 FF77DF

 8D0074

 FF94FC

 71005B

 FFB0FF

 560043

 FFCDFE

 3D002D

 FFE8FF

 1E0017

 000000

 C73DA8

 C73DA8

 C729A4

 C751AC

 C7159F

 C765B1

 C7019B

 C779B5

 C7009A

 C78DBA

 C7A1BE

 C7B4C3

 C7C8C7

 C7DCCC

 C7F0D0

Harmonies

Analogous

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



8560D9



C73DA8



DF296C

Triad

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



C73DA8



847800



0090BD

Complementary

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



C73DA8



3DC75C

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.



009182



C73DA8



428600

Square

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



C73DA8



B56100



008E43



008AE6

Rectangle

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



C73DA8



DC3745



008E43



0091AB

Sweetspot

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



C73DA8



FFC9F3



5B3DC7



806078



000000



808080

Same Dimension

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



C73DA8



FF2BCF



C73D64



635A61



A3007F



24001C

Inverse Universe

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



C73DA8



FF2BCF



3DC7A0



635A61



A3007F



24001C

Previews

White Background



This preview shows how the Hex color C73DA8 looks on a white background.

Color Contrast Check

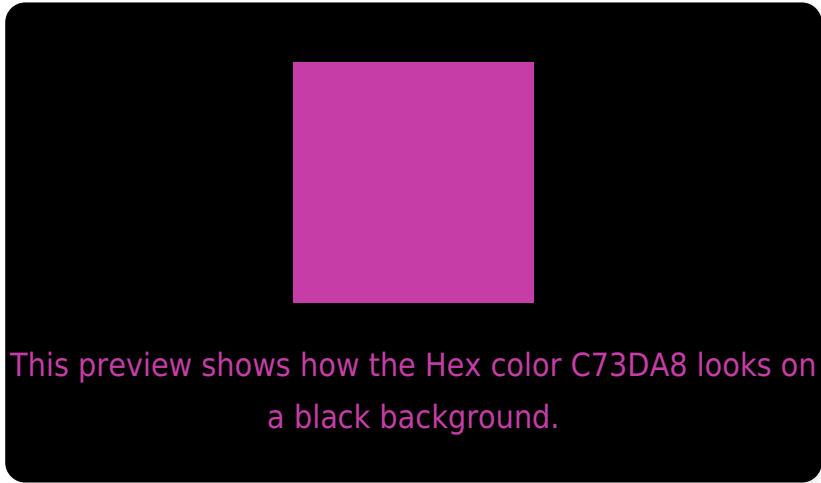
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

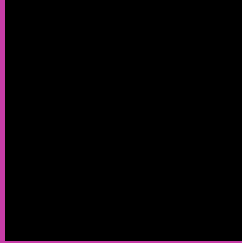
Any Text WCAG AA ✓ Pass

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 C73DA8 Background



This preview shows how black text looks on a background with the Hex color C73DA8.

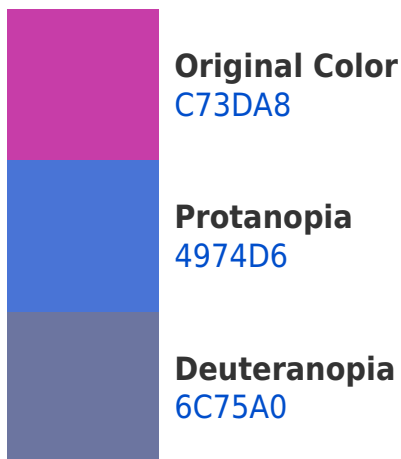



This preview shows how white text looks on a background with the Hex color C73DA8.

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](#).

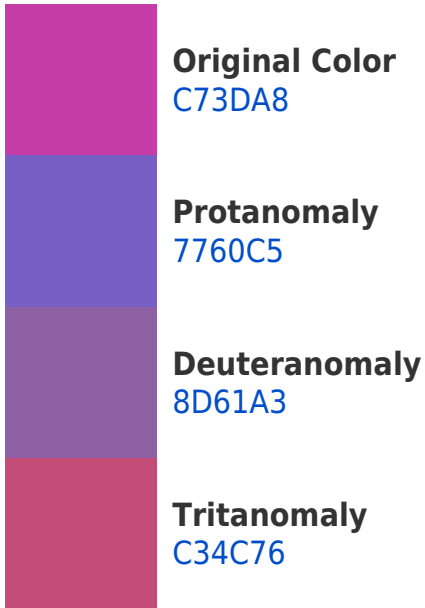
Dichromacy





Tritanopia
C0545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C73DA8 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 #C73DA8 looks like.

```
.text, #text, p{  
  color:#C73DA8  
}
```

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 #C73DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73DA8
}
```

Border

The CSS property to change the border of an element to Hex C73DA8 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
#C73DA8 }
```

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

```
.border{ border-color:#C73DA8 }
```

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

Here you see how a box with a 4 pixel #C73DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73DA8; -webkit-box-shadow:4px 4px  
4px 4px #C73DA8; box-shadow:4px 4px 4px  
4px #C73DA8 }
```

Background

The CSS property to change the background color of an element to Hex C73DA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73DA8 }
```

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

```
.background{ background-color:#C73DA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor