

Converting Colors

Hex(D884C5)

Have a look what the booklet for
Hex(D884C5) contains.

Hex(D884C5)	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(D884C5)

Conversions

Conversions Part 1

Format	Color
Hex	D884C5
RGB	216, 132, 197
RGB Percent	85%, 52%, 77%
CMY	0.1529, 0.4824, 0.2275
CMYK	0.00, 0.39, 0.09, 0.15
HSL	314°, 52%, 68%
HSV	314°, 39%, 85%
XYZ	46.6482, 35.1327, 57.1460
YIQ	164.5260, 29.1990, 38.0230

Conversions

Conversions Part 2

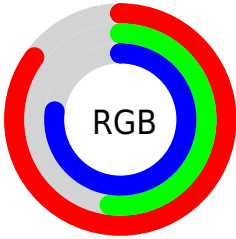
Format	Color
R _Y B	216, 132, 197
Decimal	14189765
CIE Lab	65.85, 41.59, -20.20
CIE LCh	66, 46.236, 334.091
Yxy	35.1327, 0.3358, 0.2529
Android (android.graphics.Color)	4292379845 (0xFFD884C5)
YUV	164.5260, 16.0097, 45.1427
Hunter-Lab	59.2728, 36.7536, -15.6716

Details

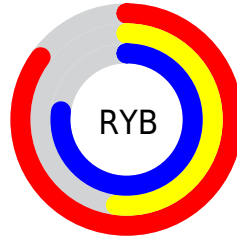
The Hex color **D884C5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84D897**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBBFE**, and **A0508F** is the 20% darker color. If you saturate the color by 10%, you get **D86EC0**, and if you desaturate by 10%, it is **D89ACA**.

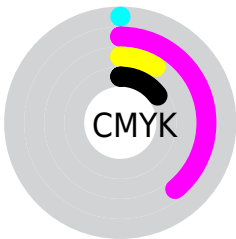
Distribution



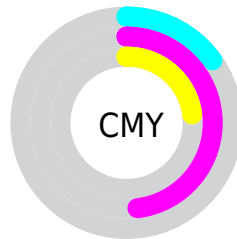
- Red (85%)
- Green (52%)
- Blue (77%)



- Red (85%)
- Yellow (52%)
- Blue (77%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color D884C5 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 D884C5 by changing the saturation by 10% instead.

 D884C5

 D884C5

FFFFFF

 BC6AAA

 FFBBFE

 A0508F

 FFD7FF

 843775

 FFF4FF

 6A1D5D

 500045

 37002E

 200019

 000000

 D884C5

 D884C5

 D86EC0

 D89ACA

 D859BB

 D8AFCF

 D843B6

 D8C5D4

 D82EB1

 D8DAD9

 D818AD

 D8F0DD

 D802A8

 D8FFE2

 D800A7

 D8FFE7

 D8FFEC

 D8FFF1

Harmonies

Analogous

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



AB93E5



D884C5



ED7D9C

Triad

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



D884C5



B4A04B



00B4CD

Complementary

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



D884C5



84D897

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.



00B5A5



D884C5



88AB59

Square

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



D884C5



D69156



51B27A



00AEEA

Rectangle

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



D884C5



EE8080



51B27A



00B5C1

Sweetspot

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



D884C5



FFE0F8



9684D8



806E7B



000000



808080

Same Dimension

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



D884C5



FF87E4



D8849C



6B6069



AB0084



2B0022

Inverse Universe

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



D884C5



FF87E4



84D8C0



6B6069



AB0084



2B0022

Previews

White Background



This preview shows how the Hex color D884C5 looks on a white background.

Color Contrast Check

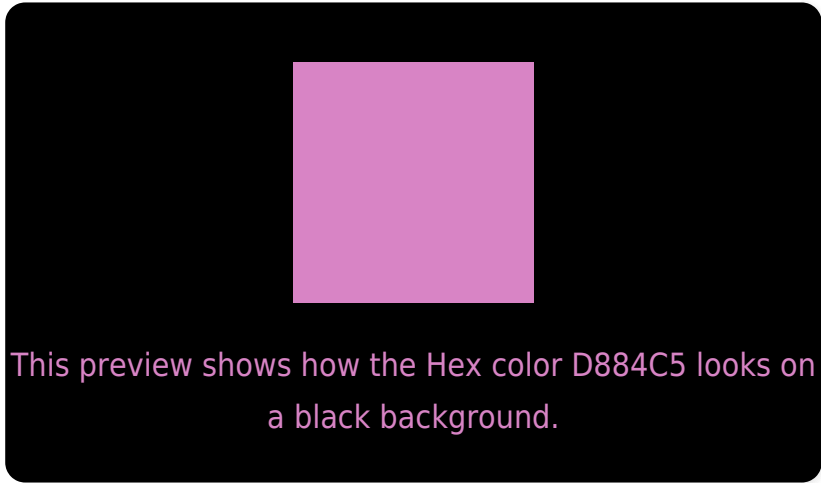
Large Text (above 18pt) WCAG AA × Fail

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

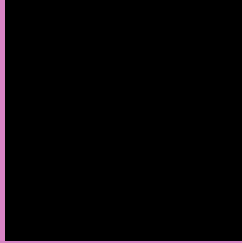
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D884C5 Background



This preview shows how black text looks on a background with the Hex color D884C5.

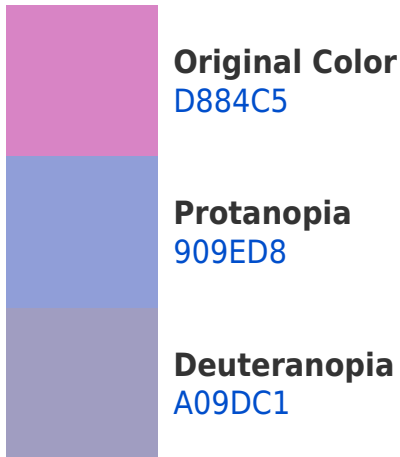


This preview shows how white text looks on a background with the Hex color D884C5.

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
D38D98

Trichromacy



Original Color
D884C5



Protanomaly
AA95D1



Deuteranomaly
B494C2

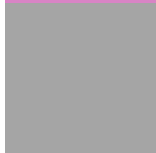


Tritanomaly
D58AA8

Monochromacy



Original Color
D884C5



Achromatopsia
A5A5A5



Achromatomaly
B899B1

CSS Examples

Text

The CSS property to change the color of the text to Hex D884C5 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 #D884C5 looks like.

```
.text, #text, p{  
    color:#D884C5  
}
```

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 #D884C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D884C5
}
```

Border

The CSS property to change the border of an element to Hex D884C5 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
#D884C5 }
```

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

```
.border{ border-color:#D884C5 }
```

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

Here you see how a box with a 4 pixel #D884C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D884C5; -webkit-box-shadow:4px 4px  
4px 4px #D884C5; box-shadow:4px 4px 4px  
4px #D884C5 }
```

Background

The CSS property to change the background color of an element to Hex D884C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D884C5 }
```

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

```
.background{ background-color:#D884C5 }
```

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