

Converting Colors

Hex(DC89B6)

Have a look what the booklet for
Hex(DC89B6) contains.

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Color

Hex(DC89B6)

Conversions

Conversions Part 1

Format	Color
Hex	DC89B6
RGB	220, 137, 182
RGB Percent	86%, 54%, 71%
CMY	0.1373, 0.4627, 0.2863
CMYK	0.00, 0.38, 0.17, 0.14
HSL	327°, 54%, 70%
HSV	327°, 38%, 86%
XYZ	46.9044, 36.4844, 48.8260
YIQ	166.9470, 35.0230, 31.5910

Conversions

Conversions Part 2

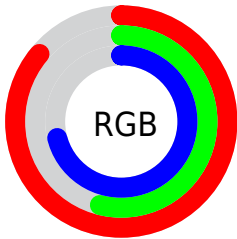
Format	Color
R_{YB}	220, 137, 182
Decimal	14453174
CIE _{Lab}	66.89, 37.84, -10.17
CIE _{LCh}	67, 39.185, 344.954
Yxy	36.4844, 0.3548, 0.2759
Android (android.graphics.Color)	4292643254 (0xFFDC89B6)
YUV	166.9470, 7.4211, 46.5275
Hunter-Lab	60.4023, 32.9071, -5.6453

Details

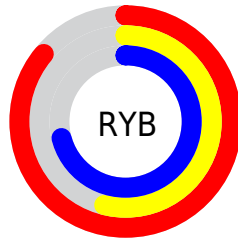
The Hex color **DC89B6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89DCAF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC0EE**, and **A35581** is the 20% darker color. If you saturate the color by 10%, you get **DC73AC**, and if you desaturate by 10%, it is **DC9FC0**.

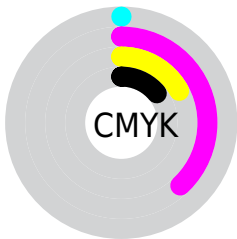
Distribution



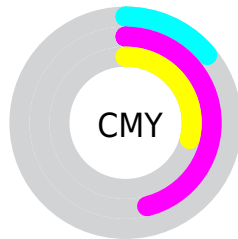
- Red (86%)
- Green (54%)
- Blue (71%)



- Red (86%)
- Yellow (54%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC89B6 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 DC89B6 by changing the saturation by 10% instead.

 DC89B6

 DC89B6

FFFFFF

 BF6F9B

 FFC0EE

 A35581

 FFDCFF

 883C68

 FFF9FF

 6D2350

 530639

 3A0023

 24000D

 000000

 DC89B6

 DC89B6

 DC73AC

 DC9FC0

 DC5DA2

 DCB5CA

 DC4798

 DCCBD4

 DC318E

 DCE1DE

 DC1B84

 DCF7E8

 DC057A

 DCFFF2

 DC0077

 DCFFFD

 DCFFFF

Harmonies

Analogous

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



BD93D5



DC89B6



E78792

Triad

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



DC89B6



A8A65D



00B3D4

Complementary

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



DC89B6



89DCAF

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.



00B5B4



DC89B6



81AF70

Square

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



DC89B6



C99A5F



52B48F



4AABE6

Rectangle

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



DC89B6



E48B7C



52B48F



00B4CA

Sweetspot

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



DC89B6



FFE3F2



AE89DC



806F78



000000



808080

Same Dimension

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



DC89B6



FF8CCA



DC898D



6E6369



AD005E



2E0019

Inverse Universe

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



DC89B6



FF8CCA



89DCD8



6E6369



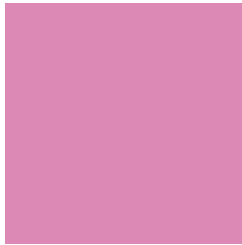
AD005E



2E0019

Previews

White Background



This preview shows how the Hex color DC89B6 looks on a white background.

Color Contrast Check

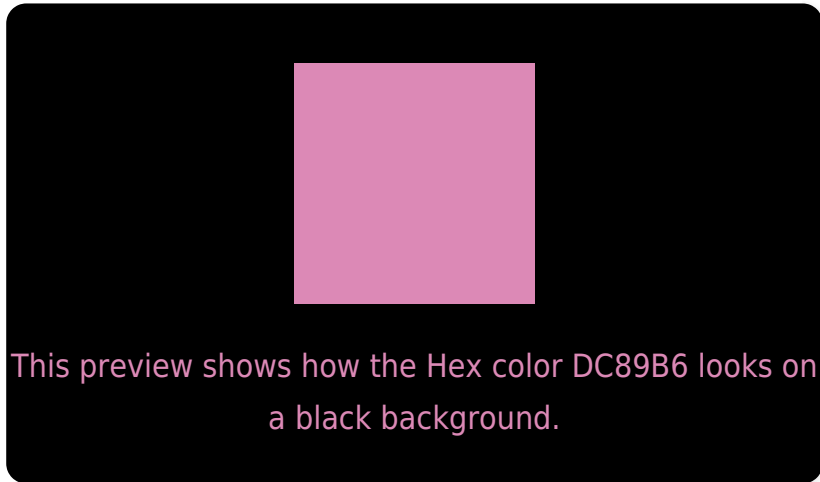
Large Text (above 18pt) WCAG AA × Fail

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 DC89B6 Background



This preview shows how black text looks on a background with the Hex color DC89B6.



This preview shows how white text looks on a background with the Hex color DC89B6.

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
D98E99

Trichromacy



Original Color
DC89B6



Protanomaly
B399C0



Deuteranomaly
BD97B3

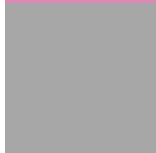


Tritanomaly
DA8CA4

Monochromacy



Original Color
DC89B6



Achromatopsia
A7A7A7



Achromatomaly
BA9CAC

CSS Examples

Text

The CSS property to change the color of the text to Hex DC89B6 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 #DC89B6 looks like.

```
.text, #text, p{  
    color:#DC89B6  
}
```

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 #DC89B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC89B6  
}
```

Border

The CSS property to change the border of an element to Hex DC89B6 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  
#DC89B6 }
```

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

```
.border{ border-color:#DC89B6 }
```

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

Here you see how a box with a 4 pixel #DC89B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC89B6; -webkit-box-shadow:4px 4px  
4px 4px #DC89B6; box-shadow:4px 4px 4px  
4px #DC89B6 }
```

Background

The CSS property to change the background color of an element to Hex DC89B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC89B6 }
```

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

```
.background{ background-color:#DC89B6 }
```

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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