

# Converting Colors

Hex(DC80D8)

Have a look what the booklet for  
Hex(DC80D8) contains.

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# Color

**Hex(DC80D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC80D8
RGB	220, 128, 216
RGB Percent	86%, 50%, 85%
CMY	0.1373, 0.4980, 0.1529
CMYK	0.00, 0.42, 0.02, 0.14
HSL	303°, 57%, 68%
HSV	303°, 42%, 86%
XYZ	49.6290, 35.6119, 69.2238
YIQ	165.5400, 26.5840, 46.8720

# Conversions

## Conversions Part 2

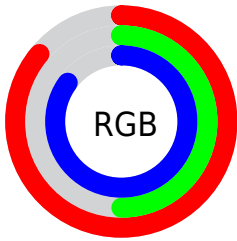
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 128, 216
Decimal	14450904
CIE <sub>Lab</sub>	66.22, 48.22, -30.21
CIE <sub>LCh</sub>	66, 56.903, 327.932
Yxy	35.6119, 0.3213, 0.2306
Android (android.graphics.Color)	4292640984 (0xFFDC80D8)
YUV	165.5400, 24.8768, 47.7614
Hunter-Lab	59.6757, 44.0164, -27.0034

# Details

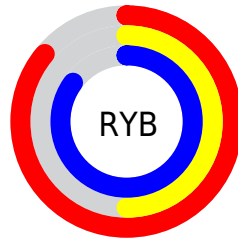
The Hex color **DC80D8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80DC84**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB7FF**, and **A34BA1** is the 20% darker color. If you saturate the color by 10%, you get **DC6AD7**, and if you desaturate by 10%, it is **DC96D9**.

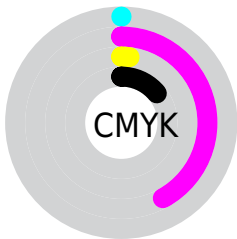
# Distribution



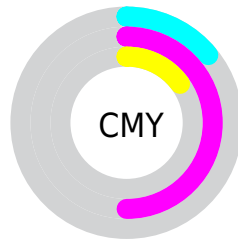
- Red (86%)
- Green (50%)
- Blue (85%)



- Red (86%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (42%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (50%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC80D8 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 DC80D8 by changing the saturation by 10% instead.



 DC80D8

 DC80D8

FFFFFF

 BF65BC

 FFB7FF

 A34BA1

 FFD3FF

 883186

 FFF0FF

 6D136D

 530054

 39003D

 220027

 00010F

 000000

 DC80D8

 DC80D8

 DC6AD7

 DC96D9

 DC54D6

 DCACDA

 DC3ED5

 DCC2DB

 DC28D4

 DCD8DC

 DC12D3

 DCEEDD

 DC00D2

 DCFFDE

 DCFFDF

 DCFFE0

 DCFFE1

# Harmonies

## Analogous

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



9D95FC



DC80D8



FB73A7

# Triad

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



DC80D8



C09D34



00B9CF

# Complementary

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



DC80D8



80DC84

# 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.



00BA9C



DC80D8



8DAC41

# Square

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



DC80D8



E78A4A



48B568



00B4F7

# Rectangle

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



DC80D8



FF7584



48B568



00BABF



# Sweetspot

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



DC80D8



FFDEFE



8380DC



806B7F



000000



808080



# Same Dimension

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



DC80D8



FF80F9



DC80AB



6E636D



AD00A6



2E002C



# Inverse Universe

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



DC80D8



FF80F9



80DCB1



6E636D



AD00A6

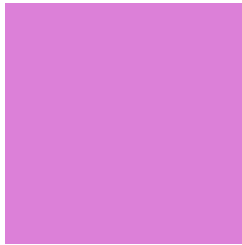


2E002C



# Previews

## White Background



This preview shows how the Hex color DC80D8 looks on a white background.

## Color Contrast Check

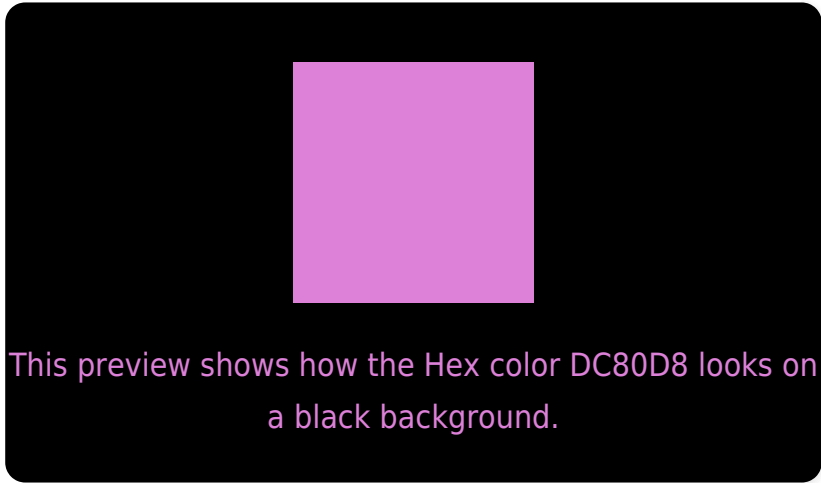
Large Text (above 18pt) WCAG AA × Fail

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 DC80D8 Background



This preview shows how black text looks on a background with the Hex color DC80D8.

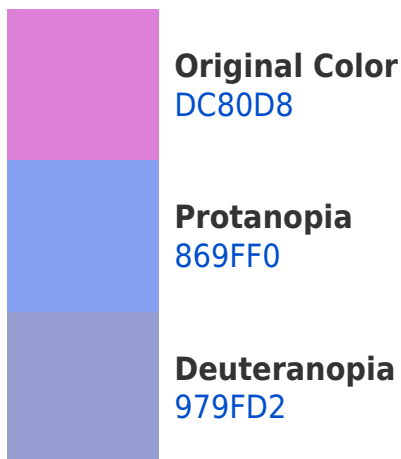



This preview shows how white text looks on a background with the Hex color DC80D8.

# 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**  
D48E98

# Trichromacy



**Original Color**  
DC80D8



**Protanomaly**  
A594E7



**Deuteranomaly**  
B094D4

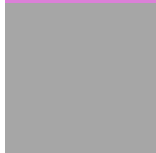


**Tritanomaly**  
D789AF

# Monochromacy



**Original Color**  
DC80D8



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BA98B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC80D8 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 #DC80D8 looks like.

```
.text, #text, p{  
    color:#DC80D8  
}
```

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 #DC80D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC80D8
}
```

## Border

The CSS property to change the border of an element to Hex DC80D8 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
#DC80D8 }
```

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

```
.border{ border-color:#DC80D8 }
```

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

Here you see how a box with a 4 pixel #DC80D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC80D8; -webkit-box-shadow:4px 4px  
4px 4px #DC80D8; box-shadow:4px 4px 4px  
4px #DC80D8 }
```

# Background

The CSS property to change the background color of an element to Hex DC80D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC80D8 }
```

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

```
.background{ background-color:#DC80D8 }
```

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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