

Converting Colors

Hex(DC81B0)

Have a look what the booklet for
Hex(DC81B0) contains.

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Color

Hex(DC81B0)

Conversions

Conversions Part 1

Format	Color
Hex	DC81B0
RGB	220, 129, 176
RGB Percent	86%, 51%, 69%
CMY	0.1373, 0.4941, 0.3098
CMYK	0.00, 0.41, 0.20, 0.14
HSL	329°, 57%, 68%
HSV	329°, 41%, 86%
XYZ	45.2019, 34.0507, 45.2643
YIQ	161.5670, 39.1490, 33.9090

Conversions

Conversions Part 2

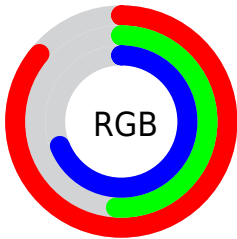
Format	Color
R_{YB}	220, 129, 176
Decimal	14451120
CIE _{Lab}	65.00, 41.13, -9.61
CIE _{LCh}	65, 42.237, 346.854
Yxy	34.0507, 0.3630, 0.2735
Android (android.graphics.Color)	4292641200 (0xFFDC81B0)
YUV	161.5670, 7.1155, 51.2457
Hunter-Lab	58.3530, 36.1535, -5.1440

Details

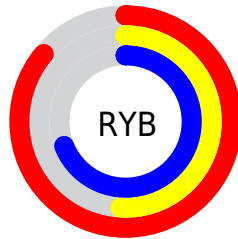
The Hex color **DC81B0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **81DCAD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB7E8**, and **A34D7B** is the 20% darker color. If you saturate the color by 10%, you get **DC6BA5**, and if you desaturate by 10%, it is **DC97BB**.

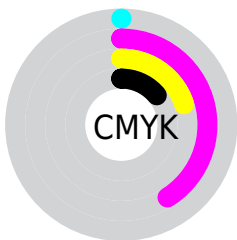
Distribution



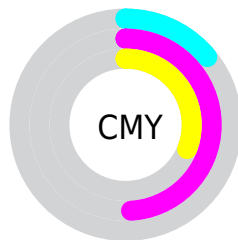
- Red (86%)
- Green (51%)
- Blue (69%)



- Red (86%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC81B0 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 DC81B0 by changing the saturation by 10% instead.

 DC81B0

 DC81B0

FFFFFF

 BF6795

 FFB7E8

 A34D7B

 FFD4FF

 883463

 FFF0FF

 6D194B

 520034

 39001F

 210003

 000000

 DC81B0

 DC81B0

 DC6BA5

 DC97BB

 DC559B

 DCADC5

 DC3F90

 DCC3D0

 DC2985

 DCD9DB

 DC137B

 DCEFE5

 DC0072

 DCFFF0

 DCFFFA

 DCFFFF

Harmonies

Analogous

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



BC8CD2



DC81B0



E6808A

Triad

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



DC81B0



A0A253



00AED4

Complementary

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



DC81B0



81DCAD

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.



00B1B2



DC81B0



75AB68

Square

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



DC81B0



C49654



3DB08B



38A6E7

Rectangle

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



DC81B0



E28572



3DB08B



00B0CA

Sweetspot

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



DC81B0



FFE0F0



AD81DC



806E77



000000



808080

Same Dimension

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



DC81B0



FF80C1



DC8183



6E6368



AD005A



2E0018

Inverse Universe

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



DC81B0



FF80C1



81DCDA



6E6368



AD005A



2E0018

Previews

White Background



This preview shows how the Hex color DC81B0 looks on a white background.

Color Contrast Check

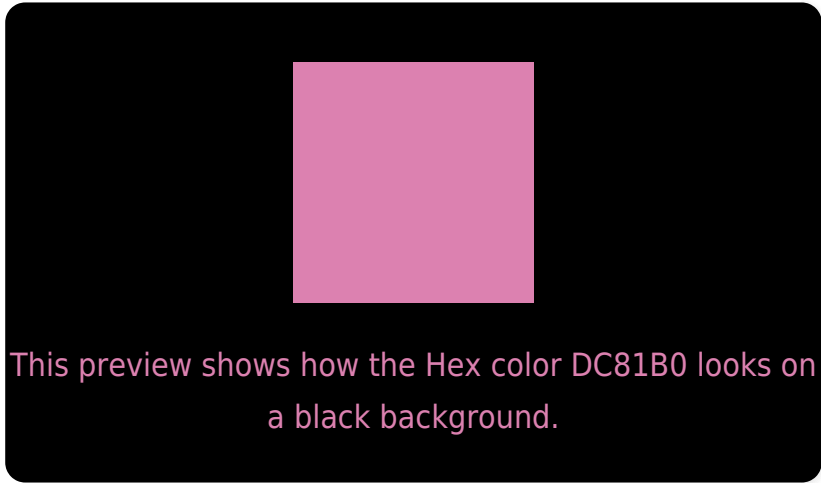
Large Text (above 18pt) WCAG AA × Fail

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 DC81B0 Background



This preview shows how black text looks on a background with the Hex color DC81B0.

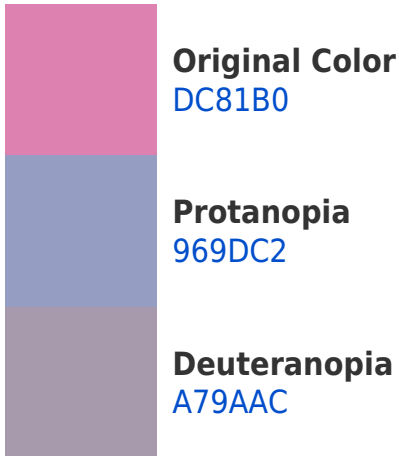


This preview shows how white text looks on a background with the Hex color DC81B0.

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
D98791

Trichromacy



Original Color
DC81B0



Protanomaly
AF93BB



Deuteranomaly
BA91AD

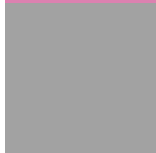


Tritanomaly
DA859C

Monochromacy



Original Color
DC81B0



Achromatopsia
A2A2A2



Achromatomaly
B796A7

CSS Examples

Text

The CSS property to change the color of the text to Hex DC81B0 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 #DC81B0 looks like.

```
.text, #text, p{  
    color:#DC81B0  
}
```

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 #DC81B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC81B0
}
```

Border

The CSS property to change the border of an element to Hex DC81B0 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
#DC81B0 }
```

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

```
.border{ border-color:#DC81B0 }
```

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

Here you see how a box with a 4 pixel #DC81B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC81B0; -webkit-box-shadow:4px 4px  
4px 4px #DC81B0; box-shadow:4px 4px 4px  
4px #DC81B0 }
```

Background

The CSS property to change the background color of an element to Hex DC81B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC81B0 }
```

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

```
.background{ background-color:#DC81B0 }
```

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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