

# Converting Colors

Hex(DA80B8)

Have a look what the booklet for  
Hex(DA80B8) contains.

<b>Hex(DA80B8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(DA80B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA80B8
RGB	218, 128, 184
RGB Percent	85%, 50%, 72%
CMY	0.1451, 0.4980, 0.2784
CMYK	0.00, 0.41, 0.16, 0.15
HSL	323°, 55%, 68%
HSV	323°, 41%, 85%
XYZ	45.2843, 33.8045, 49.4856
YIQ	161.2940, 35.6640, 36.4960

# Conversions

## Conversions Part 2

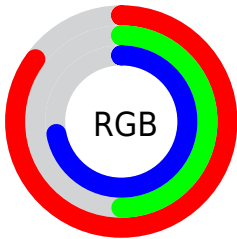
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 128, 184
Decimal	14319800
CIE <sub>Lab</sub>	64.81, 42.21, -14.45
CIE <sub>LCh</sub>	65, 44.614, 341.106
Yxy	33.8045, 0.3522, 0.2629
Android (android.graphics.Color)	4292509880 (0xFFDA80B8)
YUV	161.2940, 11.1941, 49.7312
Hunter-Lab	58.1416, 37.2792, -9.7639

# Details

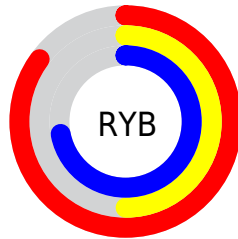
The Hex color **DA80B8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80DAA2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB6F0**, and **A14C83** is the 20% darker color. If you saturate the color by 10%, you get **DA6AB0**, and if you desaturate by 10%, it is **DA96C0**.

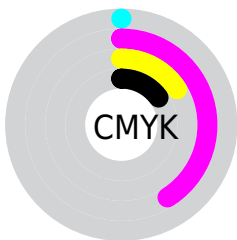
# Distribution



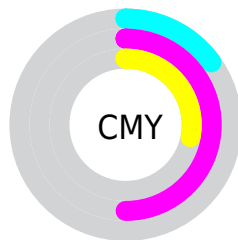
- Red (85%)
- Green (50%)
- Blue (72%)



- Red (85%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (15%)



- Cyan (15%)
- Magenta (50%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA80B8 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 DA80B8 by changing the saturation by 10% instead.



 DA80B8

 DA80B8

FFFFFF

 BD669D

 FFB6F0

 A14C83

 FFD3FF

 86326A

 FFEFFF

 6B1751

 51003A

 380025

 1F000E

 000000

 DA80B8

 DA80B8

■ DA6AB0

■ DA96C0

■ DA54A8

■ DAACC8

■ DA3F9F

■ DAC1D1

■ DA2997

■ DAD7D9

■ DA138F

■ DAEDE1

■ DA0088

■ DAFFE9

■ DAFFF2

■ DAFFFA

■ DAFFFF

# Harmonies

## Analogous

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



B48DDA



DA80B8



E97C90

# Triad

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



DA80B8



A7A04C



00B0D1

# Complementary

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



DA80B8



80DAA2

# 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.



00B2AB



DA80B8



7CAA5F

# Square

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



DA80B8



CB9251



42B082



00A8E8

# Rectangle

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



DA80B8



E78076



42B082



00B1C5



# Sweetspot

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



DA80B8



FFE0F3



A180DA



806E79



000000



808080



# Same Dimension

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



DA80B8



FF80CF



DA808C



6E636A



AD006C



2E001D



# Inverse Universe

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



DA80B8



FF80CF



80DACE



6E636A



AD006C



2E001D



# Previews

## White Background



This preview shows how the Hex color DA80B8 looks on a white background.

## Color Contrast Check

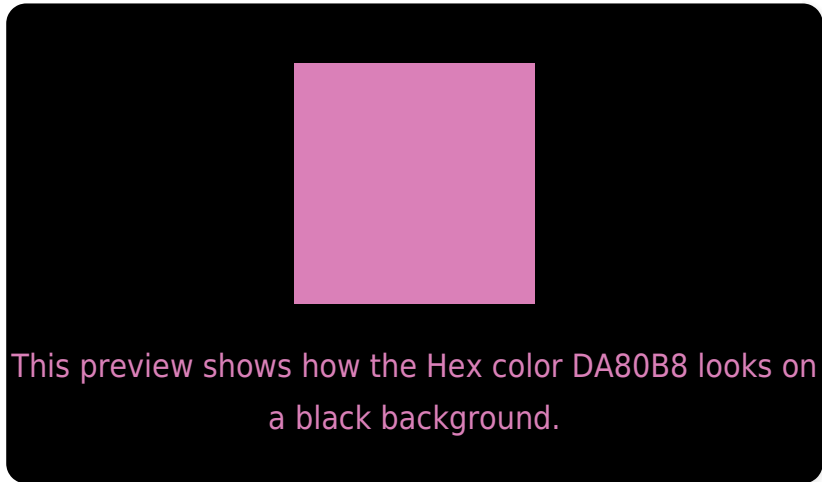
Large Text (above 18pt) WCAG AA × Fail

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 DA80B8 Background



This preview shows how black text looks on a background with the Hex color DA80B8.

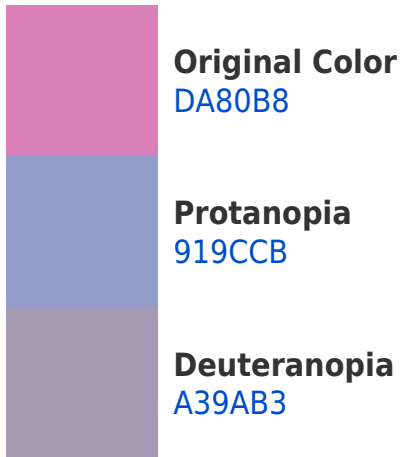



This preview shows how white text looks on a background with the Hex color DA80B8.

# 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**  
D68792

# Trichromacy



**Original Color**  
DA80B8



**Protanomaly**  
AC92C4



**Deuteranomaly**  
B791B5

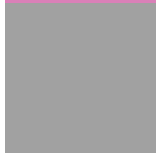


**Tritanomaly**  
D784A0

# Monochromacy



**Original Color**  
DA80B8



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
B695A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA80B8 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 #DA80B8 looks like.

```
.text, #text, p{  
    color:#DA80B8  
}
```

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 #DA80B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA80B8
}
```

## Border

The CSS property to change the border of an element to Hex DA80B8 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
#DA80B8 }
```

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

```
.border{ border-color:#DA80B8 }
```

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

Here you see how a box with a 4 pixel #DA80B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA80B8; -webkit-box-shadow:4px 4px  
4px 4px #DA80B8; box-shadow:4px 4px 4px  
4px #DA80B8 }
```

# Background

The CSS property to change the background color of an element to Hex DA80B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA80B8 }
```

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

```
.background{ background-color:#DA80B8 }
```

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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