

Converting Colors

Hex(DA80BB)

Have a look what the booklet for
Hex(DA80BB) contains.

Hex(DA80BB)	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(DA80BB)

Conversions

Conversions Part 1

Format	Color
Hex	DA80BB
RGB	218, 128, 187
RGB Percent	85%, 50%, 73%
CMY	0.1451, 0.4980, 0.2667
CMYK	0.00, 0.41, 0.14, 0.15
HSL	321°, 55%, 68%
HSV	321°, 41%, 85%
XYZ	45.6023, 33.9316, 51.1597
YIQ	161.6360, 34.7010, 37.4290

Conversions

Conversions Part 2

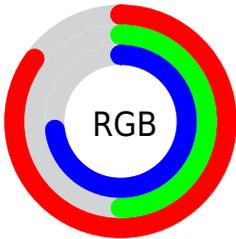
Format	Color
R_{YB}	218, 128, 187
Decimal	14319803
CIE _{Lab}	64.91, 42.69, -15.99
CIE _{LCh}	65, 45.582, 339.468
Yxy	33.9316, 0.3489, 0.2596
Android (android.graphics.Color)	4292509883 (0xFFDA80BB)
YUV	161.6360, 12.5045, 49.4312
Hunter-Lab	58.2509, 37.8015, -11.2967

Details

The Hex color **DA80BB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80DA9F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB7F3**, and **A14C86** is the 20% darker color. If you saturate the color by 10%, you get **DA6AB3**, and if you desaturate by 10%, it is **DA96C3**.

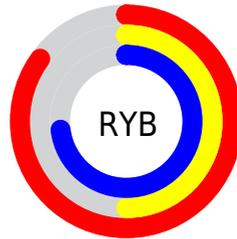
Distribution



Red (85%)

Green (50%)

Blue (73%)



Red (85%)

Yellow (50%)

Blue (73%)

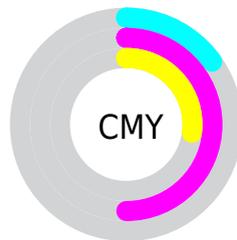


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA80BB 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 DA80BB by changing the saturation by 10% instead.

 DA80BB

 DA80BB

FFFFFF

 BD66A0

 FFB7F3

 A14C86

 FFD3FF

 86326C

 FFF0FF

 6B1754

 51003D

 380027

 1F0011

 000000

 DA80BB

 DA80BB

■ DA6AB3

■ DA96C3

■ DA54AC

■ DAACCA

■ DA3FA4

■ DAC1D2

■ DA299D

■ DAD7D9

■ DA1395

■ DAEDE1

■ DA008F

■ DAFFE8

■ DAFFF0

■ DAFFF7

■ DAFFFF

Harmonies

Analogous

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



B28EDD



DA80BB



EA7C92

Triad

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



DA80BB



AA9F4A



00B0D0

Complementary

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



DA80BB



80DA9F

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.



00B2AA



DA80BB



7EAA5C

Square

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



DA80BB



CD9151



43B07F



00A9E9

Rectangle

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



DA80BB



E97F78



43B07F



00B2C4

Sweetspot

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



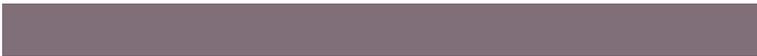
DA80BB



FFE0F4



9E80DA



806E79



000000



808080

Same Dimension

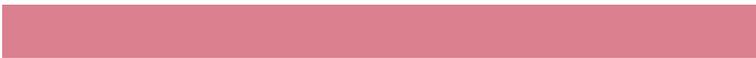
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DA80BB



FF80D3



DA808F



6E636A



AD0072



2E001E

Inverse Universe

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



DA80BB



FF80D3



80DACB



6E636A



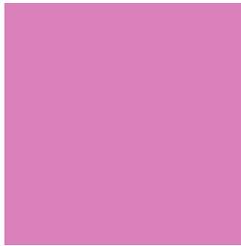
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color DA80BB looks on a white background.

Color Contrast Check

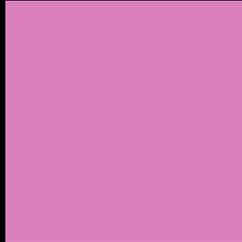
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DA80BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

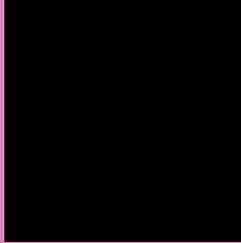
Any Text WCAG AA ✓ Pass

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 DA80BB Background



This preview shows how black text looks on a background with the Hex color DA80BB.



This preview shows how white text looks on a background with the Hex color DA80BB.

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
D58892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA80BB 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 #DA80BB looks like.

```
.text, #text, p{  
    color:#DA80BB  
}
```

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 #DA80BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA80BB
}
```

Border

The CSS property to change the border of an element to Hex DA80BB 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
#DA80BB }
```

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

```
.border{ border-color:#DA80BB }
```

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

Here you see how a box with a 4 pixel #DA80BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA80BB; -webkit-box-shadow:4px 4px  
4px 4px #DA80BB; box-shadow:4px 4px 4px  
4px #DA80BB }
```

Background

The CSS property to change the background color of an element to Hex DA80BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA80BB }
```

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

```
.background{ background-color:#DA80BB }
```

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