

Converting Colors

Hex(DB78A1)

Have a look what the booklet for
Hex(DB78A1) contains.

Hex(DB78A1)	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(DB78A1)

Conversions

Conversions Part 1

Format	Color
Hex	DB78A1
RGB	219, 120, 161
RGB Percent	86%, 47%, 63%
CMY	0.1412, 0.5294, 0.3686
CMYK	0.00, 0.45, 0.26, 0.14
HSL	335°, 58%, 66%
HSV	335°, 45%, 86%
XYZ	42.3629, 31.0662, 37.4818
YIQ	154.2750, 45.8430, 33.7390

Conversions

Conversions Part 2

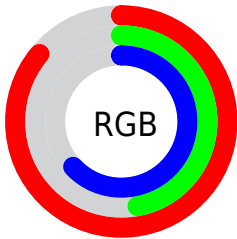
Format	Color
R _Y B	219, 120, 161
Decimal	14383265
CIE Lab	62.56, 43.30, -4.71
CIE LCh	63, 43.552, 353.786
Yxy	31.0662, 0.3820, 0.2801
Android (android.graphics.Color)	4292573345 (0xFFDB78A1)
YUV	154.2750, 3.3154, 56.7638
Hunter-Lab	55.7371, 38.1289, -0.8551

Details

The Hex color **DB78A1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78DBB2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFAED8**, and **A2446E** is the 20% darker color. If you saturate the color by 10%, you get **DB6294**, and if you desaturate by 10%, it is **DB8EAE**.

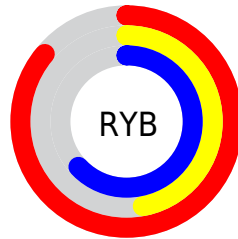
Distribution



Red (86%)

Green (47%)

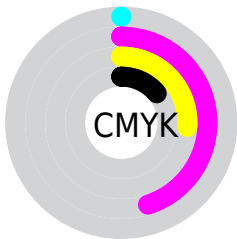
Blue (63%)



Red (86%)

Yellow (47%)

Blue (63%)

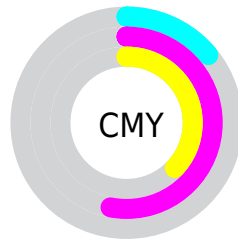


Cyan (0%)

Magenta (45%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB78A1 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 DB78A1 by changing the saturation by 10% instead.

 DB78A1

 DB78A1

FFFFFF

 BE5E87

 FFAED8

 A2446E

 FFCAF4

 862A55

 FFE7FF

 6B0B3E

 500028

 370014

 180001

 000000

 DB78A1

 DB78A1

 DB6294

 DB8EAE

 DB4C87

 DBA4BB

 DB367B

 DBBAC7

 DB206E

 DBD0D4

 DB0B61

 DBE5E1

 DB005B

 DBFBEE

 DBFFFB

 DBFFFF

Harmonies

Analogous

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



C082C5



DB78A1



E0797A

Triad

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



DB78A1



909E4E



00A7D5

Complementary

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



DB78A1



78DBB2

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.



00ABB5



DB78A1



62A768

Square

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



DB78A1



B69249



11AB8E



419EE4

Rectangle

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



DB78A1



D98064



11AB8E



00A9CC

Sweetspot

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



DB78A1



FFDBEA



B278DB



806A73



000000



808080

Same Dimension

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



DB78A1



FF75AE



DB8078



6E6367



AD0048



2E0013

Inverse Universe

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



DB78A1



FF75AE



78D3DB



6E6367



AD0048



2E0013

Previews

White Background



This preview shows how the Hex color DB78A1 looks on a white background.

Color Contrast Check

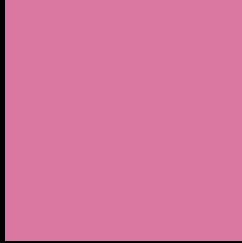
Large Text (above 18pt) WCAG AA × Fail

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 DB78A1 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 DB78A1 Background



This preview shows how black text looks on a background with the Hex color DB78A1.



This preview shows how white text looks on a background with the Hex color DB78A1.

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
D87D86

Trichromacy



Original Color
DB78A1



Protanomaly
AD8BAD



Deuteranomaly
B8899E

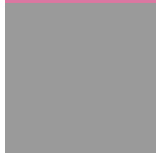


Tritanomaly
D97B90

Monochromacy



Original Color
DB78A1



Achromatopsia
9A9A9A



Achromatomaly
B28E9D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB78A1 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 #DB78A1 looks like.

```
.text, #text, p{  
    color:#DB78A1  
}
```

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 #DB78A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB78A1
}
```

Border

The CSS property to change the border of an element to Hex DB78A1 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
#DB78A1 }
```

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

```
.border{ border-color:#DB78A1 }
```

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

Here you see how a box with a 4 pixel #DB78A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB78A1; -webkit-box-shadow:4px 4px  
4px 4px #DB78A1; box-shadow:4px 4px 4px  
4px #DB78A1 }
```

Background

The CSS property to change the background color of an element to Hex DB78A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB78A1 }
```

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

```
.background{ background-color:#DB78A1 }
```

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