

Converting Colors

Hex(DB7EA2)

Have a look what the booklet for
Hex(DB7EA2) contains.

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Color

Hex(DB7EA2)

Conversions

Conversions Part 1

Format	Color
Hex	DB7EA2
RGB	219, 126, 162
RGB Percent	86%, 49%, 64%
CMY	0.1412, 0.5059, 0.3647
CMYK	0.00, 0.42, 0.26, 0.14
HSL	337°, 56%, 68%
HSV	337°, 42%, 86%
XYZ	43.1959, 32.5904, 38.1963
YIQ	157.9110, 43.8720, 30.9120

Conversions

Conversions Part 2

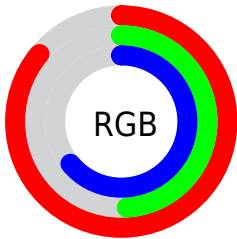
Format	Color
R _Y B	219, 126, 162
Decimal	14384802
CIE Lab	63.83, 40.33, -3.42
CIE LCh	64, 40.478, 355.154
Yxy	32.5904, 0.3790, 0.2859
Android (android.graphics.Color)	4292574882 (0xFFDB7EA2)
YUV	157.9110, 2.0159, 53.5751
Hunter-Lab	57.0880, 35.1587, 0.2920

Details

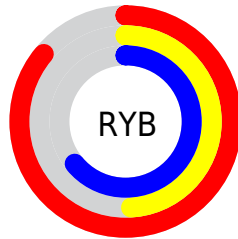
The Hex color **DB7EA2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7EDBB7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB4D9**, and **A24A6E** is the 20% darker color. If you saturate the color by 10%, you get **DB6895**, and if you desaturate by 10%, it is **DB94AF**.

Distribution



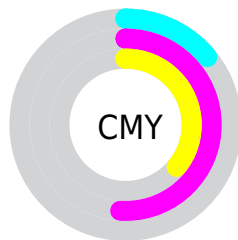
- Red (86%)
- Green (49%)
- Blue (64%)



- Red (86%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7EA2 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 DB7EA2 by changing the saturation by 10% instead.

 DB7EA2

 DB7EA2

FFFFFF

 BE6488

 FFB4D9

 A24A6E

 FFD0F5

 863156

 FFEDFF

 6B163F

 510029

 380015

 1B0001

 000000

 DB7EA2

 DB7EA2

 DB6895

 DB94AF

 DB5287

 DBAABD

 DB3C7A

 DBC0CA

 DB266C

 DBD6D8

 DB115F

 DBECE5

 DB0055

 DBFFF3

 DBFFFF

Harmonies

Analogous

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



C286C4



DB7EA2



DF807E

Triad

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



DB7EA2



93A258



00A9D5

Complementary

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



DB7EA2



7EDBB7

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.



00ADB8



DB7EA2



68A970

Square

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



DB7EA2



B69752



2CAD93



55A0E2

Rectangle

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



DB7EA2



D88669



2CAD93



00ABCD

Sweetspot

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



DB7EA2



FFDEEB



B67EDB



806B73



000000



808080

Same Dimension

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



DB7EA2



FF7DAF



DB877E



6E6367



AD0043



2E0012

Inverse Universe

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



DB7EA2



FF7DAF



7ED2DB



6E6367



AD0043



2E0012

Previews

White Background



This preview shows how the Hex color DB7EA2 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 DB7EA2 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 DB7EA2 Background



This preview shows how black text looks on a background with the Hex color DB7EA2.



This preview shows how white text looks on a background with the Hex color DB7EA2.

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



Original Color
DB7EA2

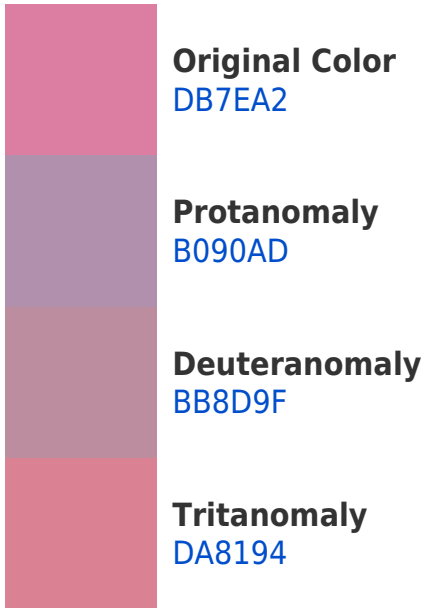
Protanopia
979AB3

Deuteranopia
A9969E

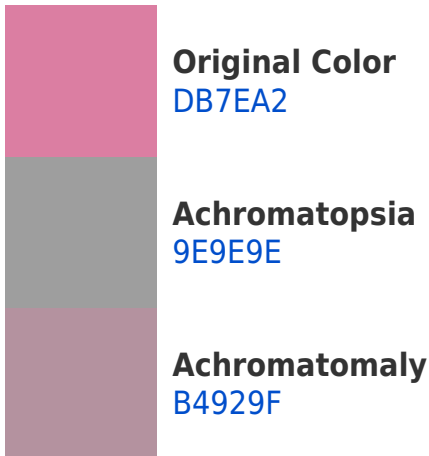


Tritanopia
D9828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7EA2 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 #DB7EA2 looks like.

```
.text, #text, p{  
    color:#DB7EA2  
}
```

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 #DB7EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7EA2
}
```

Border

The CSS property to change the border of an element to Hex DB7EA2 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
#DB7EA2 }
```

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

```
.border{ border-color:#DB7EA2 }
```

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

Here you see how a box with a 4 pixel #DB7EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7EA2; -webkit-box-shadow:4px 4px  
4px 4px #DB7EA2; box-shadow:4px 4px 4px  
4px #DB7EA2 }
```

Background

The CSS property to change the background color of an element to Hex DB7EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7EA2 }
```

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

```
.background{ background-color:#DB7EA2 }
```

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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