

Converting Colors

Hex(D647B9)

Have a look what the booklet for
Hex(D647B9) contains.

Hex(D647B9)	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(D647B9)

Conversions

Conversions Part 1

Format	Color
Hex	D647B9
RGB	214, 71, 185
RGB Percent	84%, 28%, 73%
CMY	0.1608, 0.7216, 0.2745
CMYK	0.00, 0.67, 0.14, 0.16
HSL	312°, 64%, 56%
HSV	312°, 67%, 84%
XYZ	38.7418, 22.3054, 48.1624
YIQ	126.7530, 48.6340, 65.7700

Conversions

Conversions Part 2

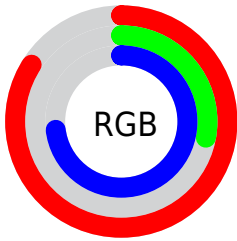
Format	Color
RYB	214, 71, 185
Decimal	14043065
CIELab	54.35, 67.49, -31.09
CIElCh	54, 74.311, 335.264
Yxy	22.3054, 0.3547, 0.2042
Android (android.graphics.Color)	4292233145 (0xFFD647B9)
YUV	126.7530, 28.7158, 76.5156
Hunter-Lab	47.2286, 63.7740, -27.4023

Details

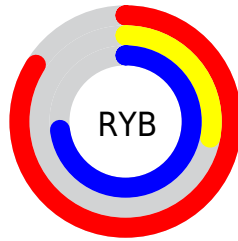
The Hex color **D647B9** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **47D664**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF81F1**, and **9C0084** is the 20% darker color. If you saturate the color by 10%, you get **D632B5**, and if you desaturate by 10%, it is **D65CBD**.

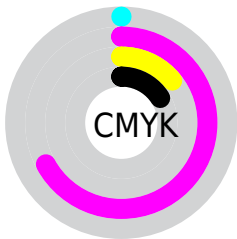
Distribution



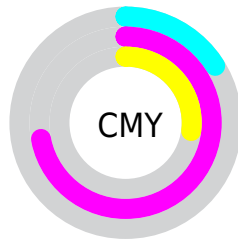
- Red (84%)
- Green (28%)
- Blue (73%)



- Red (84%)
- Yellow (28%)
- Blue (73%)



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D647B9 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 D647B9 by changing the saturation by 10% instead.

 D647B9

 D647B9

FFFFFF

 B9269E

 FF81F1

 9C0084

 FF9EFF

 7F006A

 FFBBFF

 630051

 FFD8FF

 48003A

 FFF6FF

 2D0024

 00000A

 000000

 D647B9

 D647B9

 D632B5

 D65CBD

 D61CB0

 D672C2

 D607AC

 D687C6

 D600AB

 D69DCA

 D6B2CF

 D6C7D3

 D6DDD7

 D6F2DC

 D6FFE0

Harmonies

Analogous

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



8E6BEC



D647B9



F1327A

Triad

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



D647B9



938300



009DCB

Complementary

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



D647B9



47D664

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.



009E8C



D647B9



4E9300

Square

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



D647B9



C66A00



009B48



0097F7

Rectangle

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



D647B9



EF3E50



009B48



009EB7

Sweetspot

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



D647B9



FFCCF5



6447D6



806179



000000



808080

Same Dimension

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



D647B9



FF33D6



D64772



6B6069



AB0088



2B0023

Inverse Universe

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



D647B9



FF33D6



47D6AB



6B6069



AB0088



2B0023

Previews

White Background



This preview shows how the Hex color D647B9 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D647B9 Background



This preview shows how black text looks on a background with the Hex color D647B9.

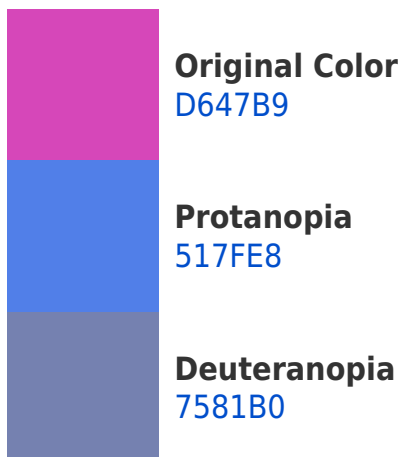


This preview shows how white text looks on a background with the Hex color D647B9.

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



Trichromacy



Original Color
D647B9



Protanomaly
816BD7



Deuteranomaly
986CB3



Tritanomaly
D15684

Monochromacy



Original Color
D647B9



Achromatopsia
7F7F7F



Achromatomaly
9F6B94

CSS Examples

Text

The CSS property to change the color of the text to Hex D647B9 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 #D647B9 looks like.

```
.text, #text, p{  
    color:#D647B9  
}
```

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 #D647B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D647B9
}
```

Border

The CSS property to change the border of an element to Hex D647B9 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
#D647B9 }
```

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

```
.border{ border-color:#D647B9 }
```

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

Here you see how a box with a 4 pixel #D647B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D647B9; -webkit-box-shadow:4px 4px  
4px 4px #D647B9; box-shadow:4px 4px 4px  
4px #D647B9 }
```

Background

The CSS property to change the background color of an element to Hex D647B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D647B9 }
```

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

```
.background{ background-color:#D647B9 }
```

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