

Converting Colors

Hex(D647B2)

Have a look what the booklet for
Hex(D647B2) contains.

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Color

Hex(D647B2)

Conversions

Conversions Part 1

Format	Color
Hex	D647B2
RGB	214, 71, 178
RGB Percent	84%, 28%, 70%
CMY	0.1608, 0.7216, 0.3020
CMYK	0.00, 0.67, 0.17, 0.16
HSL	315°, 64%, 56%
HSV	315°, 67%, 84%
XYZ	38.0207, 22.0170, 44.3653
YIQ	125.9550, 50.8810, 63.5930

Conversions

Conversions Part 2

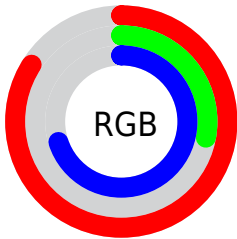
Format	Color
RYB	214, 71, 178
Decimal	14043058
CIELab	54.05, 66.49, -27.50
CIElCh	54, 71.955, 337.527
Yxy	22.0170, 0.3642, 0.2109
Android (android.graphics.Color)	4292233138 (0xFFD647B2)
YUV	125.9550, 25.6582, 77.2155
Hunter-Lab	46.9222, 62.5230, -23.2135

Details

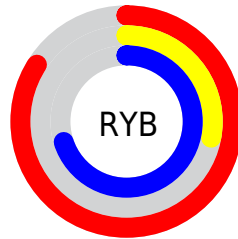
The Hex color **D647B2** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **47D66B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF81EA**, and **9C007D** is the 20% darker color. If you saturate the color by 10%, you get **D632AD**, and if you desaturate by 10%, it is **D65CB7**.

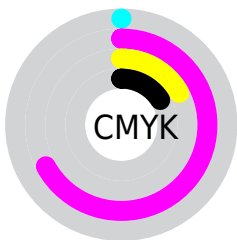
Distribution



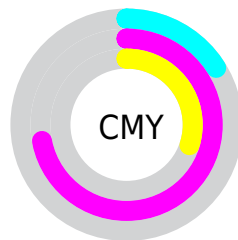
- Red (84%)
- Green (28%)
- Blue (70%)



- Red (84%)
- Yellow (28%)
- Blue (70%)



- Cyan (0%)
- Magenta (67%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D647B2 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 D647B2 by changing the saturation by 10% instead.

 D647B2

 D647B2

FFFFFF

 B92697

 FF81EA

 9C007D

 FF9EFF

 7F0064

 FFBBFF

 63004C

 FFD8FF

 480035

 FFF5FF

 2D001F

 000000

 D647B2

 D647B2

 D632AD

 D65CB7

 D61CA7

 D672BD

 D607A2

 D687C2

 D600A0

 D69DC8

 D6B2CD

 D6C7D2

 D6DDD8

 D6F2DD

 D6FFE2

Harmonies

Analogous

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



9569E5



D647B2



ED3774

Triad

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



D647B2



8E8400



009BCC

Complementary

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



D647B2



47D66B

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.



009D90



D647B2



4A9200

Square

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



D647B2



C16C00



009A4F



0094F4

Rectangle

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



D647B2



EA434C



009A4F



009CB9

Sweetspot

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



D647B2



FFCCF2



6B47D6



806178



000000



808080

Same Dimension

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



D647B2



FF33CC



D6476B



6B6068



AB0080



2B0020

Inverse Universe

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



D647B2



FF33CC



47D6B2



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color D647B2 looks on a white background.

Color Contrast Check

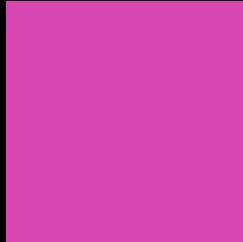
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color D647B2 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 × Fail

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

Hex D647B2 Background



This preview shows how black text looks on a background with the Hex color D647B2.



This preview shows how white text looks on a background with the Hex color D647B2.

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
D647B2

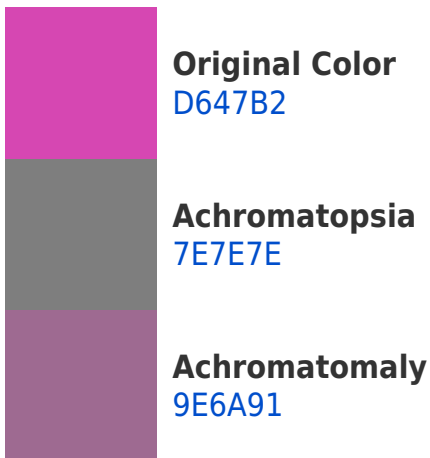
Protanopia
577FDF

Deuteranopia
7980A9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D647B2 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 #D647B2 looks like.

```
.text, #text, p{  
    color:#D647B2  
}
```

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 #D647B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D647B2
}
```

Border

The CSS property to change the border of an element to Hex D647B2 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
#D647B2 }
```

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

```
.border{ border-color:#D647B2 }
```

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

Here you see how a box with a 4 pixel #D647B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D647B2; -webkit-box-shadow:4px 4px  
4px 4px #D647B2; box-shadow:4px 4px 4px  
4px #D647B2 }
```

Background

The CSS property to change the background color of an element to Hex D647B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D647B2 }
```

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

```
.background{ background-color:#D647B2 }
```

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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