

Converting Colors

Hex(D647B4)

Have a look what the booklet for
Hex(D647B4) contains.

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Color

Hex(D647B4)

Conversions

Conversions Part 1

Format	Color
Hex	D647B4
RGB	214, 71, 180
RGB Percent	84%, 28%, 71%
CMY	0.1608, 0.7216, 0.2941
CMYK	0.00, 0.67, 0.16, 0.16
HSL	314°, 64%, 56%
HSV	314°, 67%, 84%
XYZ	38.2230, 22.0979, 45.4308
YIQ	126.1830, 50.2390, 64.2150

Conversions

Conversions Part 2

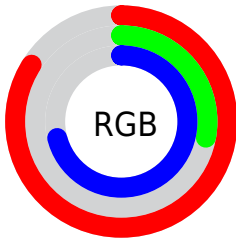
Format	Color
RYB	214, 71, 180
Decimal	14043060
CIELab	54.13, 66.77, -28.53
CIElCh	54, 72.615, 336.862
Yxy	22.0979, 0.3614, 0.2090
Android (android.graphics.Color)	4292233140 (0xFFD647B4)
YUV	126.1830, 26.5318, 77.0155
Hunter-Lab	47.0084, 62.8754, -24.3943

Details

The Hex color **D647B4** 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 **47D669**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF81EC**, and **9C007F** is the 20% darker color. If you saturate the color by 10%, you get **D632AF**, and if you desaturate by 10%, it is **D65CB9**.

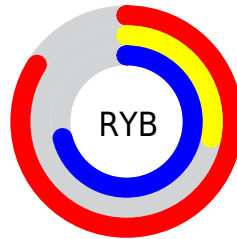
Distribution



Red (84%)

Green (28%)

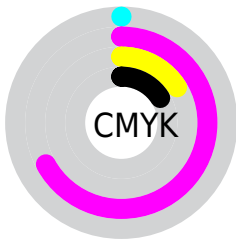
Blue (71%)



Red (84%)

Yellow (28%)

Blue (71%)

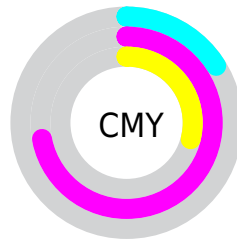


Cyan (0%)

Magenta (67%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (72%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color D647B4 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 D647B4 by changing the saturation by 10% instead.

 D647B4

 D647B4

FFFFFF

 B92699

 FF81EC

 9C007F

 FF9EFF

 7F0066

 FFBBFF

 63004D

 FFD8FF

 480036

 FFF6FF

 2D0020

 000003

 000000

 D647B4

 D647B4

 D632AF

 D65CB9

 D61CAA

 D672BE

 D607A5

 D687C3

 D600A3

 D69DC8

 D6B2CD

 D6C7D3

 D6DDD8

 D6F2DD

 D6FFE2

Harmonies

Analogous

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



9369E7



D647B4



EE3576

Triad

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



D647B4



8F8300



009CCC

Complementary

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



D647B4



47D669

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.



009D8F



D647B4



4B9200

Square

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



D647B4



C26C00



009A4D



0095F5

Rectangle

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



D647B4



EB424D



009A4D



009DB9

Sweetspot

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



D647B4



FFCCF3



6847D6



806178



000000



808080

Same Dimension

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



D647B4



FF33CE



D6476D



6B6069



AB0082



2B0021

Inverse Universe

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



D647B4



FF33CE



47D6B0



6B6069



AB0082



2B0021

Previews

White Background



This preview shows how the Hex color D647B4 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

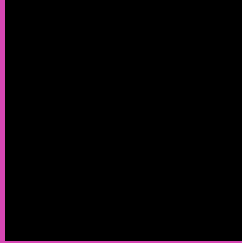
Any Text WCAG AA ✓ Pass

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 D647B4 Background



This preview shows how black text looks on a background with the Hex color D647B4.

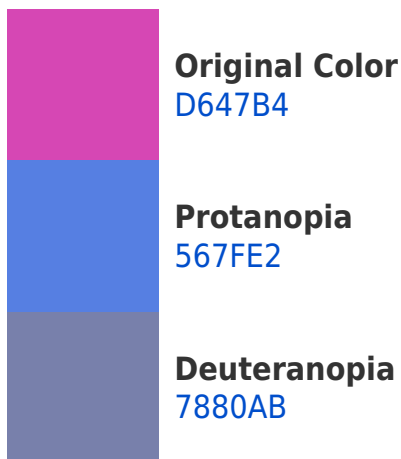


This preview shows how white text looks on a background with the Hex color D647B4.

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
D647B4



Protanomaly
856BD1



Deuteranomaly
9A6BAE



Tritanomaly
D15681

Monochromacy



Original Color
D647B4



Achromatopsia
7E7E7E



Achromatomaly
9E6A92

CSS Examples

Text

The CSS property to change the color of the text to Hex D647B4 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 #D647B4 looks like.

```
.text, #text, p{  
    color:#D647B4  
}
```

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 #D647B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D647B4
}
```

Border

The CSS property to change the border of an element to Hex D647B4 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
#D647B4 }
```

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

```
.border{ border-color:#D647B4 }
```

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

Here you see how a box with a 4 pixel #D647B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D647B4; -webkit-box-shadow:4px 4px  
4px 4px #D647B4; box-shadow:4px 4px 4px  
4px #D647B4 }
```

Background

The CSS property to change the background color of an element to Hex D647B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D647B4 }
```

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

```
.background{ background-color:#D647B4 }
```

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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