

Converting Colors

Hex(DA47BA)

Have a look what the booklet for
Hex(DA47BA) contains.

| | |
|--|----|
| Hex(DA47BA) | 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(DA47BA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DA47BA |
| RGB | 218, 71, 186 |
| RGB Percent | 85%, 28%, 73% |
| CMY | 0.1451, 0.7216, 0.2706 |
| CMYK | 0.00, 0.67, 0.15, 0.15 |
| HSL | 313°, 67%, 57% |
| HSV | 313°, 67%, 85% |
| XYZ | 40.0296, 22.9571, 48.7757 |
| YIQ | 128.0630, 50.6970, 66.9290 |

Conversions

Conversions Part 2

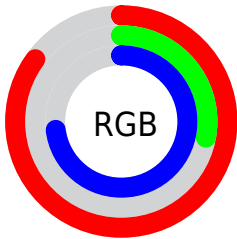
| Format | Color |
|-------------------------------------|--|
| RYB | 218, 71, 186 |
| Decimal | 14305210 |
| CIELab | 55.03, 68.63, -30.57 |
| CIELCh | 55, 75.131, 335.992 |
| Yxy | 22.9571, 0.3582, 0.2054 |
| Android (android.graphics.Color) | 4292495290 (0xFFDA47BA) |
| YUV | 128.0630, 28.5629, 78.8747 |
| Hunter-Lab | 47.9135, 65.2800, -26.8174 |

Details

The Hex color **DA47BA** 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 **47DA67**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF82F2**, and **9F0084** is the 20% darker color. If you saturate the color by 10%, you get **DA31B5**, and if you desaturate by 10%, it is **DA5DBF**.

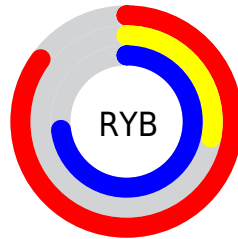
Distribution



Red (85%)

Green (28%)

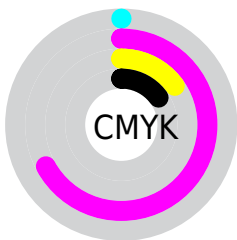
Blue (73%)



Red (85%)

Yellow (28%)

Blue (73%)

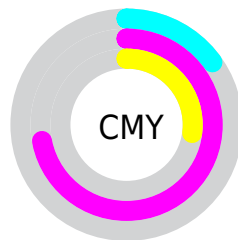


Cyan (0%)

Magenta (67%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (72%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA47BA 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 DA47BA by changing the saturation by 10% instead.

 DA47BA

 DA47BA

FFFFFF

 BC259F

 FF82F2

 9F0084

 FF9EFF

 83006B

 FFBBFF

 670052

 FFD9FF

 4B003B

 FFF7FF

 310025

 05000C

 000000

 DA47BA

 DA47BA

■ DA31B5

■ DA5DBF

■ DA1BB1

■ DA73C3

■ DA06AC

■ DA88C8

■ DA00AB

■ DA9ECD

■ DAB4D2

■ DACAD6

■ DAE0DB

■ DAF5E0

■ DAFFE5

Harmonies

Analogous

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



926CEE



DA47BA



F4327A

Triad

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



DA47BA



938500



009FCF

Complementary

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



DA47BA



47DA67

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.



00A08F



DA47BA



4D9500

Square

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



DA47BA



C86C00



009D4B



0098FB

Rectangle

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



DA47BA



F23F4F



009D4B



00A0BB

Sweetspot

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



DA47BA



FFCCF4



6747DA



806179



000000



808080

Same Dimension

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



DA47BA



FF30D2



DA4771



6E636B



AD0088



2E0024

Inverse Universe

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



DA47BA



FF30D2



47DAB0



6E636B



AD0088



2E0024

Previews

White Background



This preview shows how the Hex color DA47BA looks on a white background.

Color Contrast Check

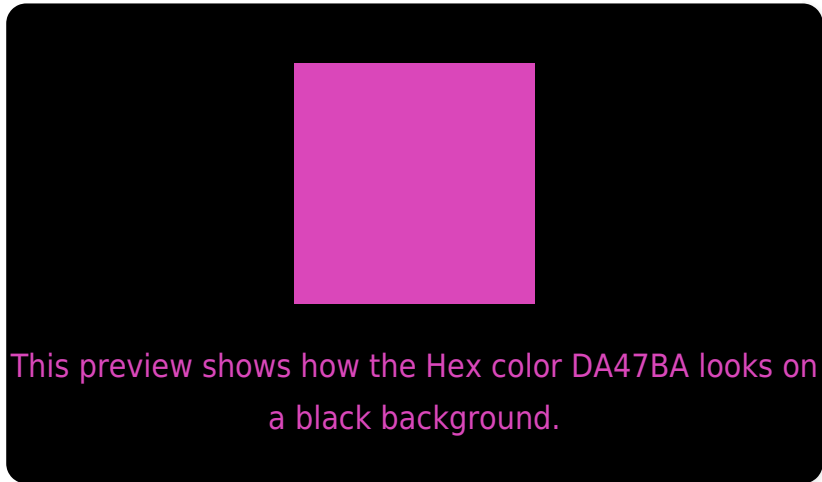
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA47BA Background



This preview shows how black text looks on a background with the Hex color DA47BA.

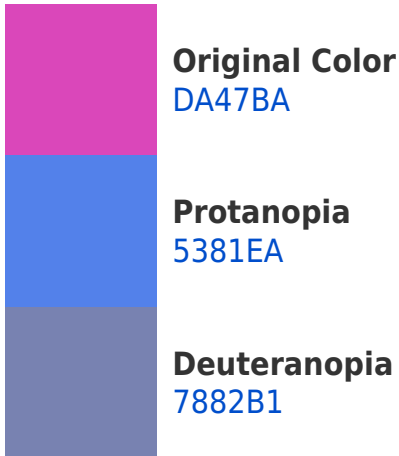


This preview shows how white text looks on a background with the Hex color DA47BA.

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](#).

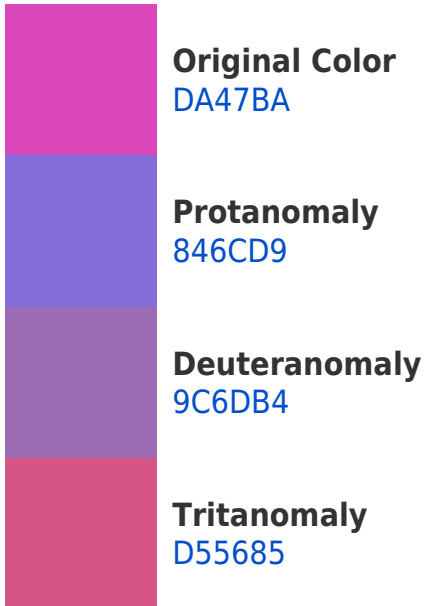
Dichromacy



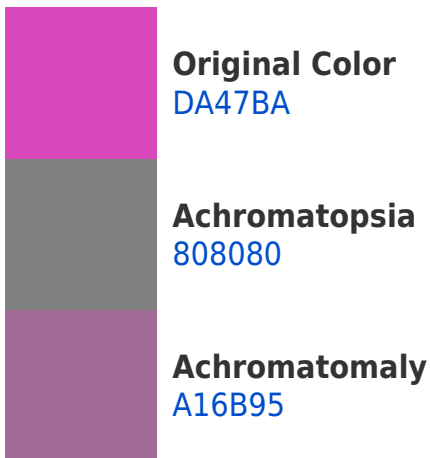


Tritanopia
D25F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA47BA 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 #DA47BA looks like.

```
.text, #text, p{  
    color:#DA47BA  
}
```

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 #DA47BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA47BA
}
```

Border

The CSS property to change the border of an element to Hex DA47BA 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
#DA47BA }
```

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

```
.border{ border-color:#DA47BA }
```

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

Here you see how a box with a 4 pixel #DA47BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA47BA; -webkit-box-shadow:4px 4px  
4px 4px #DA47BA; box-shadow:4px 4px 4px  
4px #DA47BA }
```

Background

The CSS property to change the background color of an element to Hex DA47BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA47BA }
```

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

```
.background{ background-color:#DA47BA }
```

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