

Converting Colors

Hex(D22DAF)

Have a look what the booklet for
Hex(D22DAF) contains.

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Color

Hex(D22DAF)

Conversions

Conversions Part 1

Format	Color
Hex	D22DAF
RGB	210, 45, 175
RGB Percent	82%, 18%, 69%
CMY	0.1765, 0.8235, 0.3137
CMYK	0.00, 0.79, 0.17, 0.18
HSL	313°, 65%, 50%
HSV	313°, 79%, 82%
XYZ	35.2546, 18.6736, 42.3037
YIQ	109.1550, 56.6100, 75.4100

Conversions

Conversions Part 2

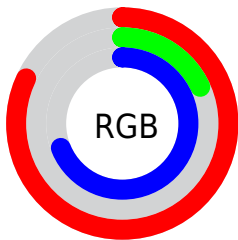
Format	Color
RYB	210, 45, 175
Decimal	13774255
CIELab	50.30, 73.46, -31.62
CIELCh	50, 79.977, 336.709
Yxy	18.6736, 0.3664, 0.1940
Android (android.graphics.Color)	4291964335 (0xFFD22DAF)
YUV	109.1550, 32.4616, 88.4411
Hunter-Lab	43.2129, 70.0039, -27.7935

Details

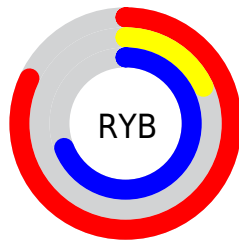
The Hex color **D22DAF** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2DD250**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6EE7**, and **97007A** is the 20% darker color. If you saturate the color by 10%, you get **D218AB**, and if you desaturate by 10%, it is **D242B3**.

Distribution



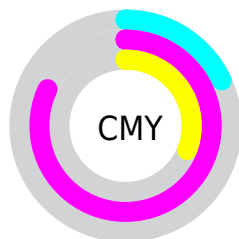
- Red (82%)
- Green (18%)
- Blue (69%)



- Red (82%)
- Yellow (18%)
- Blue (69%)



- Cyan (0%)
- Magenta (79%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D22DAF 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 D22DAF by changing the saturation by 10% instead.

 D22DAF

 D22DAF

FFFFFF

 B40094

 FF6EE7

 97007A

 FF8BFF

 7A0061

 FFA8FF

 5E0049

 FFC6FF

 440032

 FFE3FF

 27001C

 000000

 D22DAF

 D22DAF

 D218AB

 D242B3

 D203A6

 D257B8

 D200A5

 D26CBC

 D281C1

 D296C5

 D2ABCA

 D2C0CE

 D2D5D3

 D2EAD7

Harmonies

Analogous

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



875DE6



D22DAF



EC006C

Triad

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



D22DAF



847A00



0094C8

Complementary

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



D22DAF



2DD250

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.



009486



D22DAF



368900

Square

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



D22DAF



BB5F00



00913D



008DF6

Rectangle

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



D22DAF



E8233F



00913D



0094B4

Sweetspot

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



D22DAF



FFC2F2



4E2DD2



805B78



000000



808080

Same Dimension

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



D22DAF



FF0FCC



D22D5F



695E66



A80085



290020

Inverse Universe

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



D22DAF



FF0FCC



2DD2A1



695E66



A80085



290020

Previews

White Background



This preview shows how the Hex color D22DAF looks on a white background.

Color Contrast Check

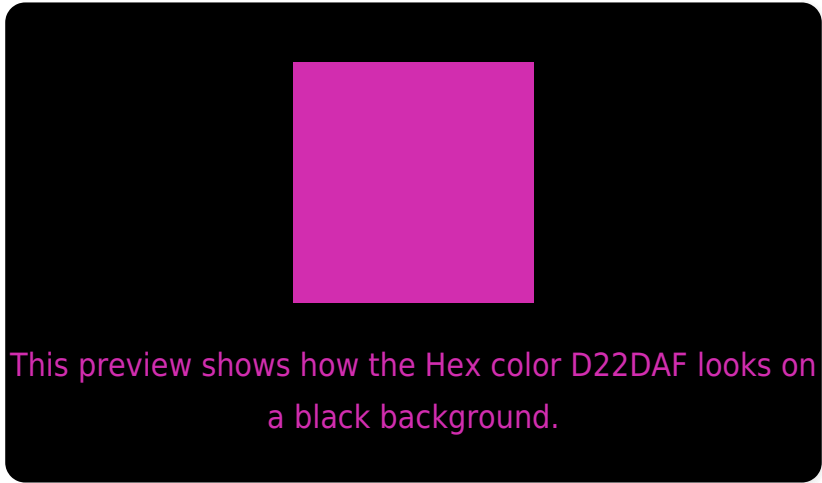
Large Text (above 18pt) WCAG AA ✓ Pass

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 D22DAF Background



This preview shows how black text looks on a background with the Hex color D22DAF.

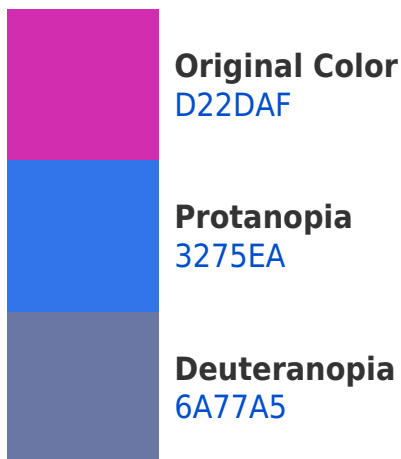


This preview shows how white text looks on a background with the Hex color D22DAF.

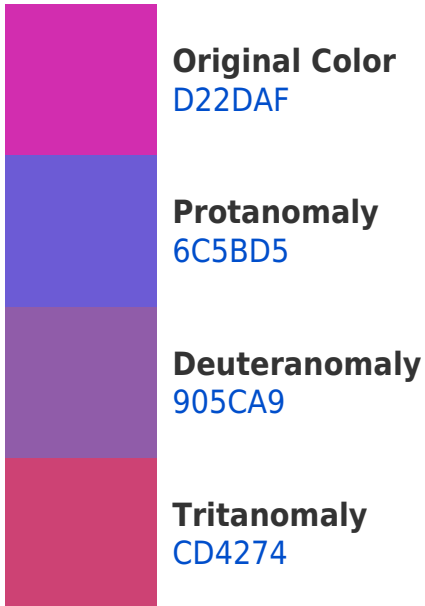
Color Blindness Simulation

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](#).

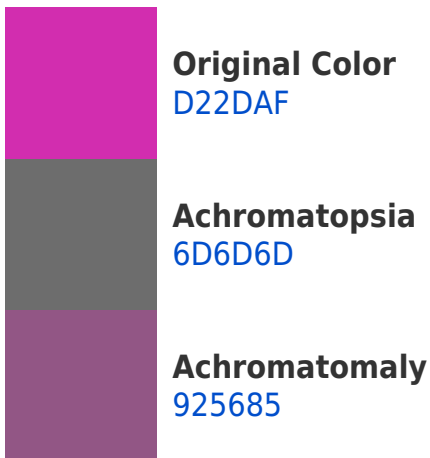
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D22DAF 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 #D22DAF looks like.

```
.text, #text, p{  
    color:#D22DAF  
}
```

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 #D22DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D22DAF
}
```

Border

The CSS property to change the border of an element to Hex D22DAF 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
#D22DAF }
```

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

```
.border{ border-color:#D22DAF }
```

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

Here you see how a box with a 4 pixel #D22DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D22DAF; -webkit-box-shadow:4px 4px  
4px 4px #D22DAF; box-shadow:4px 4px 4px  
4px #D22DAF }
```

Background

The CSS property to change the background color of an element to Hex D22DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D22DAF }
```

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

```
.background{ background-color:#D22DAF }
```

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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