

Converting Colors

Hex(DC2DA2)

Have a look what the booklet for
Hex(DC2DA2) contains.

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Color

Hex(DC2DA2)

Conversions

Conversions Part 1

Format	Color
Hex	DC2DA2
RGB	220, 45, 162
RGB Percent	86%, 18%, 64%
CMY	0.1373, 0.8235, 0.3647
CMYK	0.00, 0.80, 0.26, 0.14
HSL	320°, 71%, 52%
HSV	320°, 80%, 86%
XYZ	36.9752, 19.7011, 36.0363
YIQ	110.6630, 66.7430, 73.4870

Conversions

Conversions Part 2

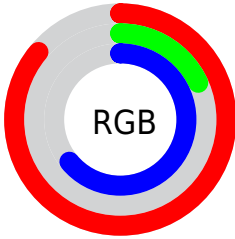
Format	Color
R_{YB}	220, 45, 162
Decimal	14429602
CIE _{Lab}	51.50, 74.06, -21.97
CIE _{LCh}	51, 77.253, 343.479
Yxy	19.7011, 0.3988, 0.2125
Android (android.graphics.Color)	4292619682 (0xFFDC2DA2)
YUV	110.6630, 25.3091, 95.8885
Hunter-Lab	44.3859, 71.0223, -17.0667

Details

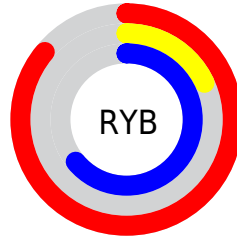
The Hex color **DC2DA2** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **2DDC67**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6ED9**, and **A0006E** is the 20% darker color. If you saturate the color by 10%, you get **DC179B**, and if you desaturate by 10%, it is **DC43A9**.

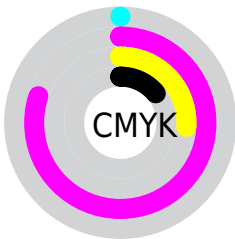
Distribution



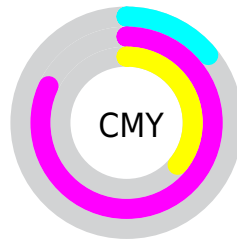
- Red (86%)
- Green (18%)
- Blue (64%)



- Red (86%)
- Yellow (18%)
- Blue (64%)



- Cyan (0%)
- Magenta (80%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (82%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2DA2 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 DC2DA2 by changing the saturation by 10% instead.

 DC2DA2

 DC2DA2

FFFFFF

 BE0088

 FF6ED9

 A0006E

 FF8CF6

 830056

 FFAAFF

 66003E

 FFC7FF

 4B0028

 FFE5FF

 2E0012

 000000

 DC2DA2

 DC2DA2

 DC179B

 DC43A9

 DC0193

 DC59B1

 DC0093

 DC6FB8

 DC85BF

 DC9BC6

 DCB1CE

 DCC7D5

 DCDDDC

 DCF3E4

Harmonies

Analogous

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



A058DC



DC2DA2



EC1F60

Triad

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



DC2DA2



7A8100



0095D5

Complementary

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



DC2DA2



2DDC67

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.



009798



DC2DA2



1F8E00

Square

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



DC2DA2



B26A00



009552



008DFB

Rectangle

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



DC2DA2



E43936



009552



0096C3

Sweetspot

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



DC2DA2



FFC2EB



642DDC



805B73



000000



808080

Same Dimension

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



DC2DA2



FF0DAF



DC2D4D



6E636A



AD0074



2E001F

Inverse Universe

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



DC2DA2



FF0DAF



2DDCBC



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color DC2DA2 looks on a white background.

Color Contrast Check

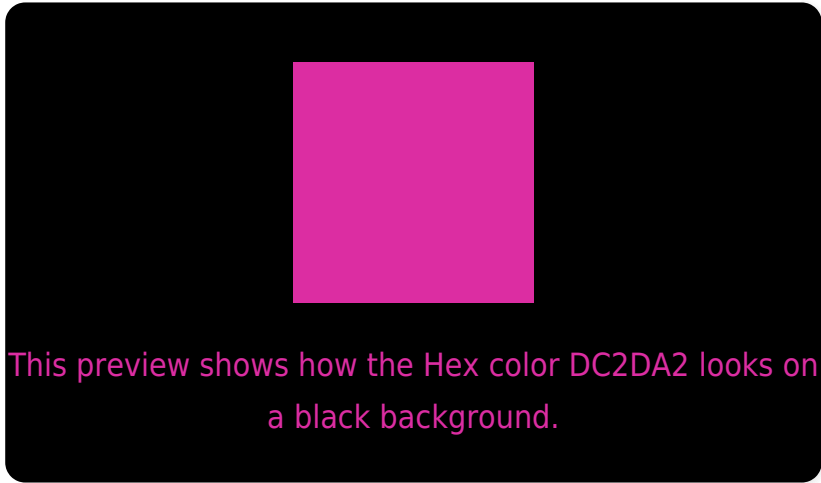
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2DA2 Background



This preview shows how black text looks on a background with the Hex color DC2DA2.

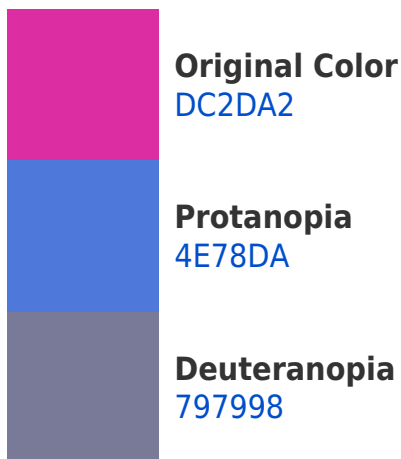


This preview shows how white text looks on a background with the Hex color DC2DA2.

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
D54A4E

Trichromacy



Original Color
DC2DA2



Protanomaly
825DC6



Deuteranomaly
9D5D9C



Tritanomaly
D83F6D

Monochromacy



Original Color
DC2DA2



Achromatopsia
6F6F6F



Achromatomaly
975782

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2DA2 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 #DC2DA2 looks like.

```
.text, #text, p{  
    color:#DC2DA2  
}
```

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 #DC2DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2DA2
}
```

Border

The CSS property to change the border of an element to Hex DC2DA2 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
#DC2DA2 }
```

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

```
.border{ border-color:#DC2DA2 }
```

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

Here you see how a box with a 4 pixel #DC2DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2DA2; -webkit-box-shadow:4px 4px  
4px 4px #DC2DA2; box-shadow:4px 4px 4px  
4px #DC2DA2 }
```

Background

The CSS property to change the background color of an element to Hex DC2DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2DA2 }
```

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

```
.background{ background-color:#DC2DA2 }
```

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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