

# Converting Colors

Hex(DA70D2)

Have a look what the booklet for  
Hex(DA70D2) contains.

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# Color

**Hex(DA70D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA70D2
RGB	218, 112, 210
RGB Percent	85%, 44%, 82%
CMY	0.1451, 0.5608, 0.1765
CMYK	0.00, 0.49, 0.04, 0.15
HSL	305°, 59%, 65%
HSV	305°, 49%, 85%
XYZ	46.3405, 31.1469, 64.5423
YIQ	154.8660, 31.7180, 52.9500

# Conversions

## Conversions Part 2

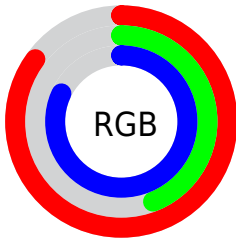
Format	Color
<a href="#">RYB</a>	<a href="#">218, 112, 210</a>
Decimal	<a href="#">14315730</a>
CIELab	<a href="#">62.63, 54.60, -32.43</a>
CIELCh	<a href="#">63, 63.508, 329.288</a>
Yxy	<a href="#">31.1469, 0.3263, 0.2193</a>
Android (android.graphics.Color)	<a href="#">4292505810 (0xFFDA70D2)</a>
YUV	<a href="#">154.8660, 27.1811, 55.3685</a>
Hunter-Lab	<a href="#">55.8094, 50.5482, -29.5009</a>

# Details

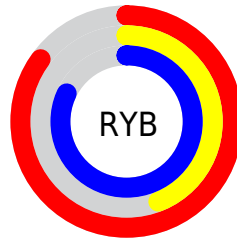
The Hex color **DA70D2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70DA78**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA7FF**, and **A13A9B** is the 20% darker color. If you saturate the color by 10%, you get **DA5AD0**, and if you desaturate by 10%, it is **DA86D4**.

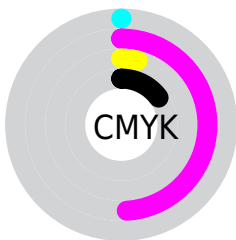
# Distribution



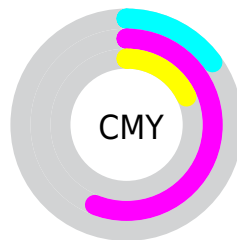
- Red (85%)
- Green (44%)
- Blue (82%)



- Red (85%)
- Yellow (44%)
- Blue (82%)



- Cyan (0%)
- Magenta (49%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA70D2 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 DA70D2 by changing the saturation by 10% instead.



 DA70D2

 DA70D2

FFFFFF

 BD55B6

 FFA7FF

 A13A9B

 FFC3FF

 851B81

 FFE0FF

 6A0067

 FFFDFF

 4F004F

 370038

 1B0021

 000006

 000000

 DA70D2

 DA70D2

 DA5AD0

 DA86D4

 DA44CF

 DA9CD5

 DA2FCD

 DAB1D7

 DA19CB

 DAC7D9

 DA03CA

 DADDDA

 DA00CA

 DAF3DC

 DAFFDE

 DAFFDF

 DAFFE1

# Harmonies

## Analogous

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



9489FA



DA70D2



FA619B

# Triad

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



DA70D2



B59414



00B2CD

# Complementary

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



DA70D2



70DA78

# 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.



00B294



DA70D2



7DA42A

# Square

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



DA70D2



E07E34



1EAE5B



00ACF8

# Rectangle

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



DA70D2



FD6376



1EAE5B



00B2BB



# Sweetspot

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



DA70D2



FFD9FC



7770DA



80697E



000000



808080



# Same Dimension

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



DA70D2



FF6BF4



DA709E



6E636D



AD00A0



2E002A



# Inverse Universe

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



DA70D2



FF6BF4



70DAAC



6E636D



AD00A0

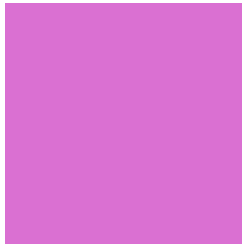


2E002A



# Previews

## White Background



This preview shows how the Hex color DA70D2 looks on a white background.

## Color Contrast Check

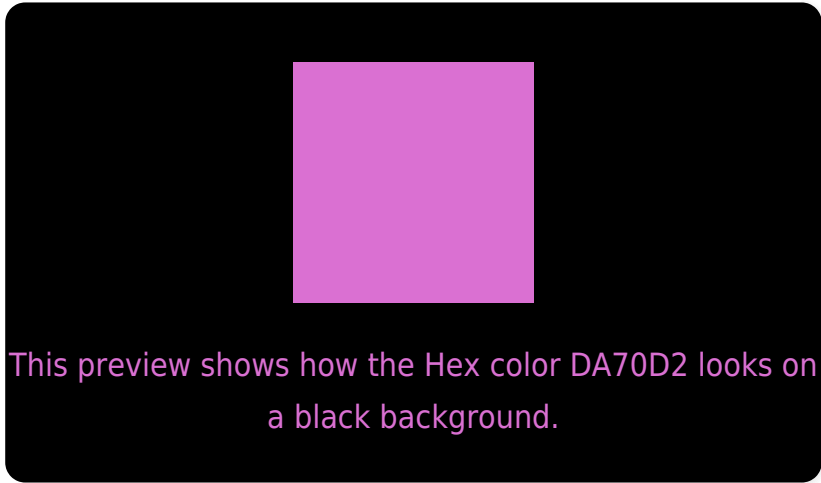
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex DA70D2 Background



This preview shows how black text looks on a background with the Hex color DA70D2.

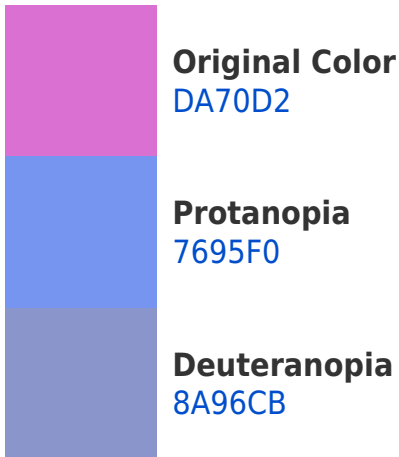



This preview shows how white text looks on a background with the Hex color DA70D2.

# 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**  
D1818A

# Trichromacy



**Original Color**  
DA70D2



**Protanomaly**  
9A88E5



**Deuteranomaly**  
A788CE

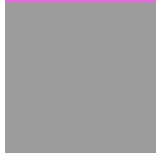


**Tritanomaly**  
D47BA4

# Monochromacy



**Original Color**  
DA70D2



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
B28BAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA70D2 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 #DA70D2 looks like.

```
.text, #text, p{  
    color:#DA70D2  
}
```

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 #DA70D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA70D2
}
```

## Border

The CSS property to change the border of an element to Hex DA70D2 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
#DA70D2 }
```

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

```
.border{ border-color:#DA70D2 }
```

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

Here you see how a box with a 4 pixel #DA70D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA70D2; -webkit-box-shadow:4px 4px  
4px 4px #DA70D2; box-shadow:4px 4px 4px  
4px #DA70D2 }
```

# Background

The CSS property to change the background color of an element to Hex DA70D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA70D2 }
```

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

```
.background{ background-color:#DA70D2 }
```

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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