

# Converting Colors

Hex(D72DEA)

Have a look what the booklet for  
Hex(D72DEA) contains.

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# Color

Hex(D72DEA)

# Conversions

## Conversions Part 1

Format	Color
Hex	D72DEA
RGB	215, 45, 234
RGB Percent	84%, 18%, 92%
CMY	0.1569, 0.8235, 0.0824
CMYK	0.08, 0.81, 0.00, 0.08
HSL	294°, 82%, 55%
HSV	294°, 81%, 92%
XYZ	43.8140, 22.2644, 79.8301
YIQ	117.3760, 40.6510, 94.8190

# Conversions

## Conversions Part 2

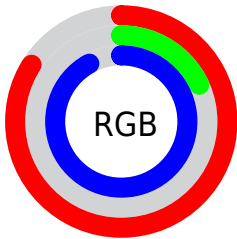
Format	Color
R <sub>YB</sub>	215, 45, 234
Decimal	14101994
CIE <sub>Lab</sub>	54.31, 83.20, -59.12
CIE <sub>LCh</sub>	54, 102.068, 324.601
Y <sub>xy</sub>	22.2644, 0.3003, 0.1526
Android (android.graphics.Color)	4292292074 (0xFFD72DEA)
YUV	117.3760, 57.4956, 85.6162
Hunter-Lab	47.1851, 83.1732, -67.2801

# Details

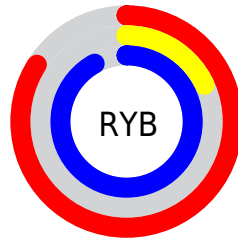
The Hex color **D72DEA** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **40EA2D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF71FF**, and **9B00B1** is the 20% darker color. If you saturate the color by 10%, you get **D516EA**, and if you desaturate by 10%, it is **D944EA**.

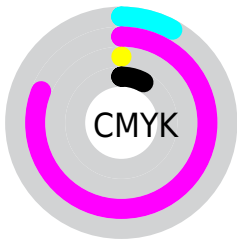
# Distribution



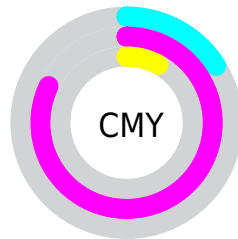
- Red (84%)
- Green (18%)
- Blue (92%)



- Red (84%)
- Yellow (18%)
- Blue (92%)



- Cyan (8%)
- Magenta (81%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (82%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72DEA 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 D72DEA by changing the saturation by 10% instead.



 D72DEA

 D72DEA

FFFFFF

 B900CD

 FF71FF

 9B00B1

 FF8FFF

 7E0096

 FFADFF

 61007B

 FFCBFF

 450062

 FFE9FF

 270049

 000031

 00011B

 000000

 D72DEA

 D72DEA

 D516EA

 D944EA

 D200EA

 DC5CEA

 DE73EA

 E08BEA

 E3A2EA

 E5B9EA

 E7D1EA

 EAE8EA

 ECFFEA

# Harmonies

## Analogous

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



1872FF



D72DEA



FF0096

# Triad

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



D72DEA



AC7900



00A5CA

# Complementary

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



D72DEA



40EA2D

# 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.



00A36F



D72DEA



569200

# Square

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



D72DEA



EA4A00



009E00



00A2FF

# Rectangle

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



D72DEA



FF005C



009E00



00A4AC



# Sweetspot

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



D72DEA



F9C2FF



2D43EA



7C5B80



000000



808080



# Same Dimension

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



D72DEA



E608FF



EA2DA2



746A75



A300B5



300036



# Inverse Universe

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



EA2D40



FF0821



2DEA75



756A6B



B50012



360005



# Previews

## White Background



This preview shows how the Hex color D72DEA 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

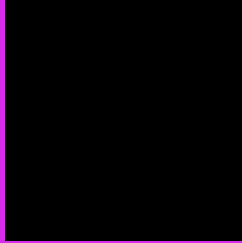
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D72DEA Background



This preview shows how black text looks on a background with the Hex color D72DEA.

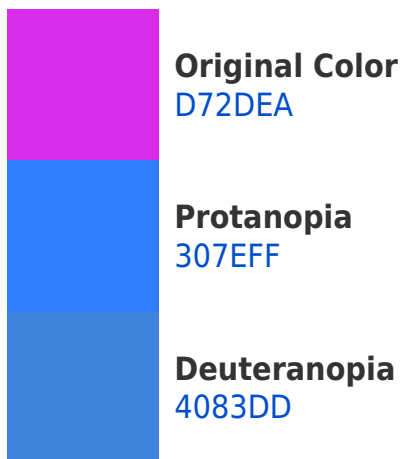



This preview shows how white text looks on a background with the Hex color D72DEA.

# 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](#).

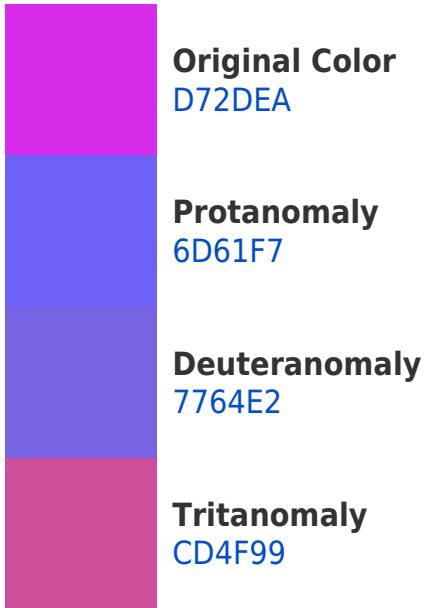
## Dichromacy





**Tritanopia**  
C7636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72DEA 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 #D72DEA looks like.

```
.text, #text, p{  
    color:#D72DEA  
}
```

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 #D72DEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72DEA
}
```

## Border

The CSS property to change the border of an element to Hex D72DEA 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
#D72DEA }
```

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

```
.border{ border-color:#D72DEA }
```

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

Here you see how a box with a 4 pixel #D72DEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72DEA; -webkit-box-shadow:4px 4px  
4px 4px #D72DEA; box-shadow:4px 4px 4px  
4px #D72DEA }
```

# Background

The CSS property to change the background color of an element to Hex D72DEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72DEA }
```

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

```
.background{ background-color:#D72DEA }
```

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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