

# Converting Colors

Hex(D72EB2)

Have a look what the booklet for  
Hex(D72EB2) contains.

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# Color

**Hex(D72EB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72EB2
RGB	215, 46, 178
RGB Percent	84%, 18%, 70%
CMY	0.1569, 0.8196, 0.3020
CMYK	0.00, 0.79, 0.17, 0.16
HSL	313°, 68%, 51%
HSV	313°, 79%, 84%
XYZ	37.0372, 19.6154, 43.9536
YIQ	111.5790, 58.3520, 76.8800

# Conversions

## Conversions Part 2

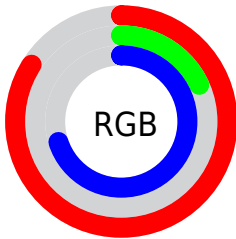
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 46, 178
Decimal	14102194
CIE Lab	51.40, 74.69, -31.61
CIE LCh	51, 81.101, 337.064
Yxy	19.6154, 0.3681, 0.1950
Android (android.graphics.Color)	4292292274 (0xFFD72EB2)
YUV	111.5790, 32.7456, 90.7002
Hunter-Lab	44.2893, 71.7655, -27.8380

# Details

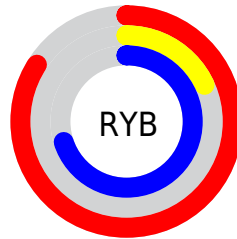
The Hex color **D72EB2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2ED753**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6FEA**, and **9C007D** is the 20% darker color. If you saturate the color by 10%, you get **D718AD**, and if you desaturate by 10%, it is **D744B7**.

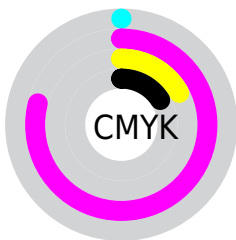
# Distribution



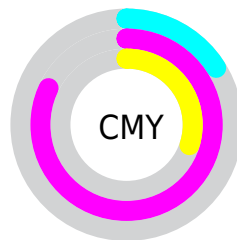
- Red (84%)
- Green (18%)
- Blue (70%)



- Red (84%)
- Yellow (18%)
- Blue (70%)



- Cyan (0%)
- Magenta (79%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (82%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72EB2 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 D72EB2 by changing the saturation by 10% instead.



 D72EB2

 D72EB2

FFFFFF

 B90097

 FF6FEA

 9C007D

 FF8DFF

 7F0064

 FFAAFF

 62004B

 FFC7FF

 480034

 FFE5FF

 2B001E

 000000

 D72EB2

 D72EB2

 D718AD

 D744B7

 D703A9

 D759BB

 D700A8

 D76EC0

 D784C5

 D79ACA

 D7AFCE

 D7C5D3

 D7DAD8

 D7F0DC

# Harmonies

## Analogous

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



8B5FEB



D72EB2



F0006D

# Triad

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



D72EB2



867D00



0097CD

# Complementary

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



D72EB2



2ED753

# 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.



00978A



D72EB2



368D00

# Square

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



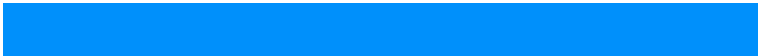
D72EB2



BE6200



009440



0090FB

# Rectangle

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



D72EB2



EC2640



009440



0097B8



# Sweetspot

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



D72EB2



FFC2F2



532ED7



805B77



000000



808080



# Same Dimension

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



D72EB2



FF0FCB



D72E5E



6B6069



AB0085



2B0022



# Inverse Universe

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



D72EB2



FF0FCB



2ED7A7



6B6069



AB0085



2B0022



# Previews

## White Background



This preview shows how the Hex color D72EB2 looks on a white background.

## Color Contrast Check

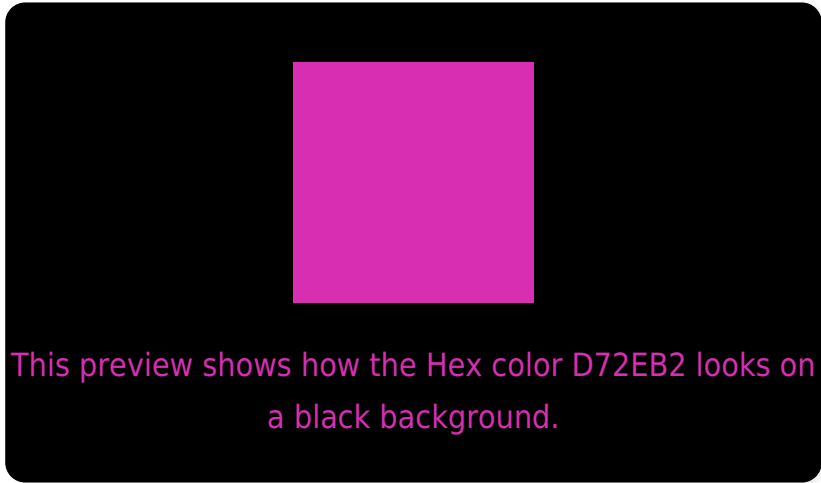
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72EB2 Background



This preview shows how black text looks on a background with the Hex color D72EB2.



This preview shows how white text looks on a background with the Hex color D72EB2.

# Color Blindness Simulation

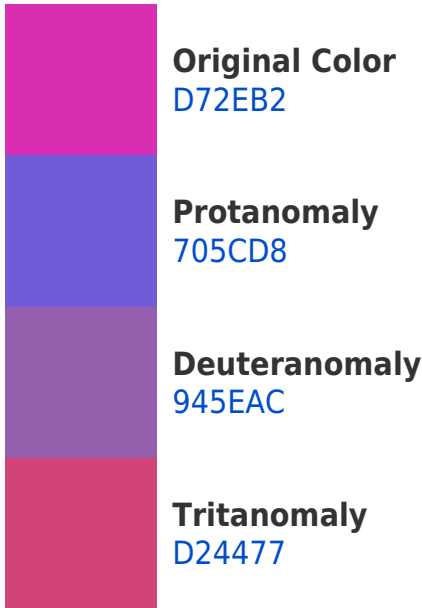
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

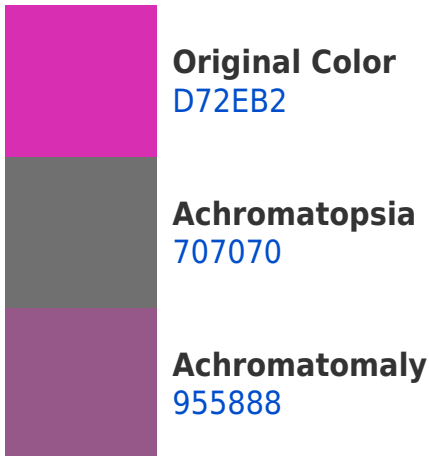




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72EB2 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 #D72EB2 looks like.

```
.text, #text, p{  
    color:#D72EB2  
}
```

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 #D72EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72EB2
}
```

## Border

The CSS property to change the border of an element to Hex D72EB2 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
#D72EB2 }
```

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

```
.border{ border-color:#D72EB2 }
```

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

Here you see how a box with a 4 pixel #D72EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72EB2; -webkit-box-shadow:4px 4px  
4px 4px #D72EB2; box-shadow:4px 4px 4px  
4px #D72EB2 }
```

# Background

The CSS property to change the background color of an element to Hex D72EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72EB2 }
```

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

```
.background{ background-color:#D72EB2 }
```

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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