

# Converting Colors

Hex(D72A85)

Have a look what the booklet for  
Hex(D72A85) contains.

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# Color

**Hex(D72A85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72A85
RGB	215, 42, 133
RGB Percent	84%, 16%, 52%
CMY	0.1569, 0.8353, 0.4784
CMYK	0.00, 0.80, 0.38, 0.16
HSL	328°, 68%, 50%
HSV	328°, 80%, 84%
XYZ	33.0859, 17.7965, 23.8815
YIQ	104.1010, 73.8970, 64.9770

# Conversions

## Conversions Part 2

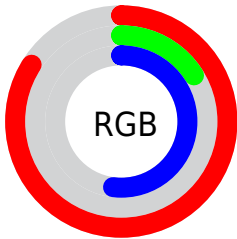
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 42, 133</a>
Decimal	<a href="#">14101125</a>
CIELab	<a href="#">49.25, 70.48, -8.12</a>
CIElCh	<a href="#">49, 70.950, 353.431</a>
Yxy	<a href="#">17.7965, 0.4425, 0.2380</a>
Android (android.graphics.Color)	<a href="#">4292291205 (0xFFD72A85)</a>
YUV	<a href="#">104.1010, 14.2472, 97.2584</a>
Hunter-Lab	<a href="#">42.1858, 66.1705, -4.0342</a>

# Details

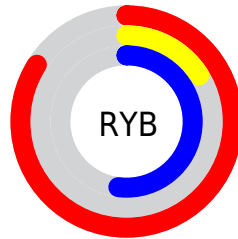
The Hex color **D72A85** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **2AD77C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6BBA**, and **9B0054** is the 20% darker color. If you saturate the color by 10%, you get **D7147B**, and if you desaturate by 10%, it is **D73F8F**.

# Distribution



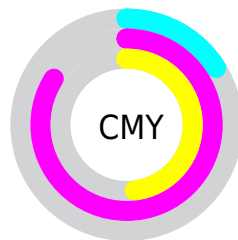
- Red (84%)
- Green (16%)
- Blue (52%)



- Red (84%)
- Yellow (16%)
- Blue (52%)



- Cyan (0%)
- Magenta (80%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72A85 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 D72A85 by changing the saturation by 10% instead.



 D72A85

 D72A85

FFFFFF

 B9006C

 FF6BBA

 9B0054

 FF88D6

 7D003D

 FFA5F2

 600027

 FFC3FF

 450012

 FFE1FF

 260001

 000000

 D72A85

 D72A85

 D7147B

 D73F8F

 D70071

 D75599

 D76AA4

 D780AE

 D795B8

 D7ABC2

 D7C1CC

 D7D6D7

 D7ECE1

# Harmonies

## Analogous

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



AF4BBE



D72A85



DB3149

# Triad

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



D72A85



618000



008CD6

# Complementary

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



D72A85



2AD77C

# 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.



008FA4



D72A85



008A25

# Square

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



D72A85



996E00



008E65



0081EE

# Rectangle

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



D72A85



CE4723



008E65



008DC7



# Sweetspot

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



D72A85



FFC2E2



7B2AD7



805B6E



000000



808080



# Same Dimension

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



D72A85



FF088A



D72A30



6B6066



AB005A



2B0017



# Inverse Universe

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



D72A85



FF088A



2AD7D1



6B6066



AB005A



2B0017



# Previews

## White Background



This preview shows how the Hex color D72A85 looks on a white background.

## Color Contrast Check

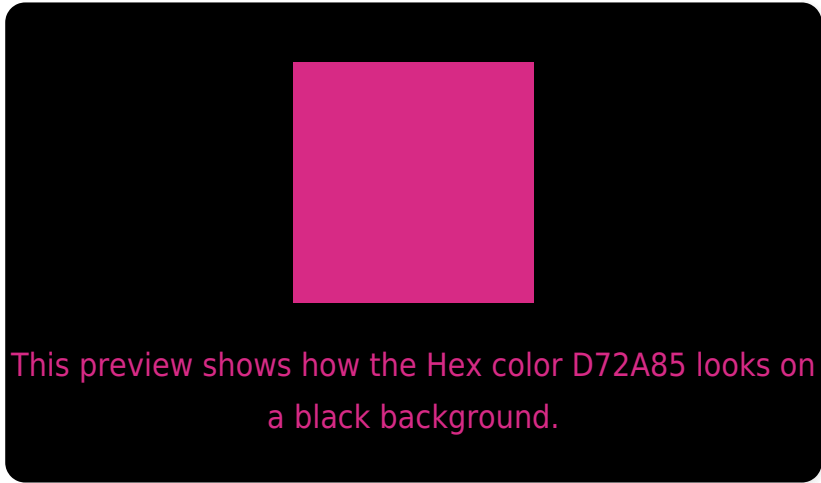
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 D72A85 Background



This preview shows how black text looks on a background with the Hex color D72A85.

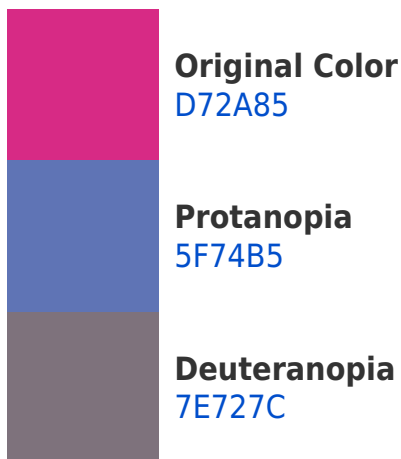


This preview shows how white text looks on a background with the Hex color D72A85.

# 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**  
D34043

# Trichromacy



**Original Color**  
D72A85



**Protanomaly**  
8B59A4



**Deuteranomaly**  
9E587F



**Tritanomaly**  
D4385B

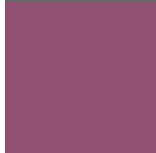
# Monochromacy



**Original Color**  
D72A85



**Achromatopsia**  
686868



**Achromatomaly**  
905173

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72A85 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 #D72A85 looks like.

```
.text, #text, p{  
  color:#D72A85  
}
```

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 #D72A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72A85
}
```

## Border

The CSS property to change the border of an element to Hex D72A85 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
#D72A85 }
```

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

```
.border{ border-color:#D72A85 }
```

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

Here you see how a box with a 4 pixel #D72A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72A85; -webkit-box-shadow:4px 4px  
4px 4px #D72A85; box-shadow:4px 4px 4px  
4px #D72A85 }
```

# Background

The CSS property to change the background color of an element to Hex D72A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72A85 }
```

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

```
.background{ background-color:#D72A85 }
```

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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