

# Converting Colors

Hex(D72F8E)

Have a look what the booklet for  
Hex(D72F8E) contains.

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# Color

**Hex(D72F8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72F8E
RGB	215, 47, 142
RGB Percent	84%, 18%, 56%
CMY	0.1569, 0.8157, 0.4431
CMYK	0.00, 0.78, 0.34, 0.16
HSL	326°, 68%, 51%
HSV	326°, 78%, 84%
XYZ	33.9233, 18.4331, 27.3612
YIQ	108.0620, 69.6330, 65.1610

# Conversions

## Conversions Part 2

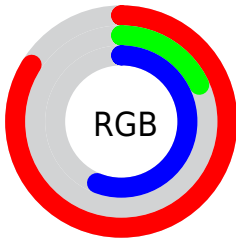
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 47, 142
Decimal	14102414
CIE <sub>Lab</sub>	50.02, 70.11, -12.39
CIE <sub>LCh</sub>	50, 71.198, 349.982
Yxy	18.4331, 0.4255, 0.2312
Android (android.graphics.Color)	4292292494 (0xFFD72F8E)
YUV	108.0620, 16.7314, 93.7846
Hunter-Lab	42.9338, 65.9043, -7.7311

# Details

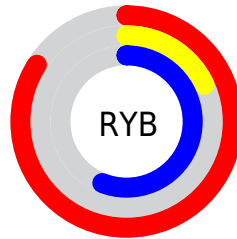
The Hex color **D72F8E** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **2FD778**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6EC4**, and **9B005C** is the 20% darker color. If you saturate the color by 10%, you get **D71A85**, and if you desaturate by 10%, it is **D74597**.

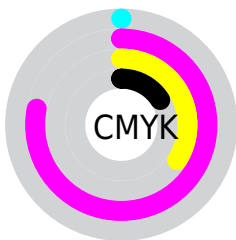
# Distribution



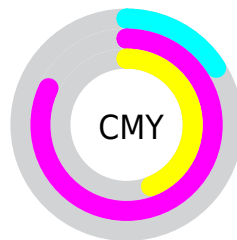
- Red (84%)
- Green (18%)
- Blue (56%)



- Red (84%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (78%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (82%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72F8E 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 D72F8E by changing the saturation by 10% instead.



 D72F8E

 D72F8E

FFFFFF

 B90074

 FF6EC4

 9B005C

 FF8CE0

 7E0044

 FFA9FC

 61002E

 FFC6FF

 46001A

 FFE4FF

 280001

 000000

 D72F8E

 D72F8E

 D71A85

 D74597

 D7047B

 D75AA1

 D7007A

 D770AA

 D785B3

 D79BBE

 D7B0C6

 D7C6CF

 D7DBD9

 D7F1E2

# Harmonies

## Analogous

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



AA51C6



D72F8E



DF3052

# Triad

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



D72F8E



6A8000



008ED3

# Complementary

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



D72F8E



2FD778

# 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.



00919F



D72F8E



008B1E

# Square

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



D72F8E



A16D00



009060



0084EF

# Rectangle

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



D72F8E



D4452B



009060



0090C4



# Sweetspot

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



D72F8E



FFC4E6



782FD7



805C70



000000



808080



# Same Dimension

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



D72F8E



FF0F97



D72F3A



6B6066



AB0061



2B0019



# Inverse Universe

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



D72F8E



FF0F97



2FD7CC



6B6066



AB0061

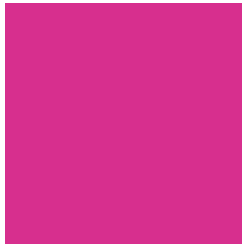


2B0019



# Previews

## White Background



This preview shows how the Hex color D72F8E looks on a white background.

## Color Contrast Check

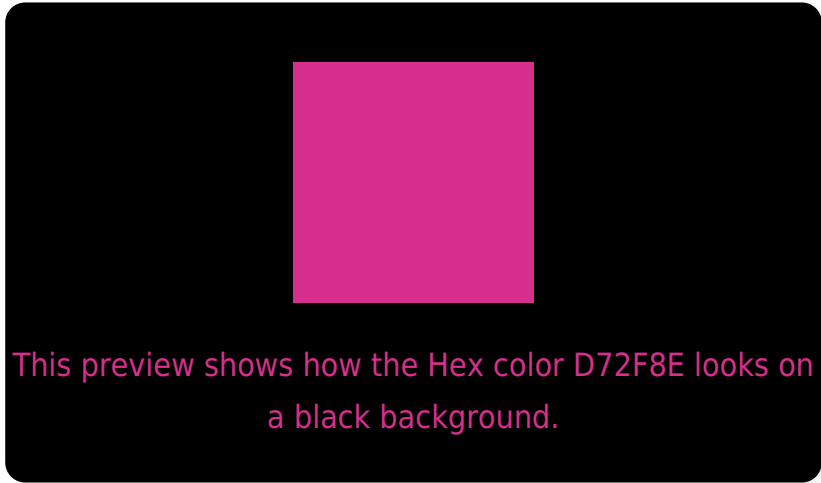
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72F8E Background



This preview shows how black text looks on a background with the Hex color D72F8E.



This preview shows how white text looks on a background with the Hex color D72F8E.

# Color Blindness Simulation

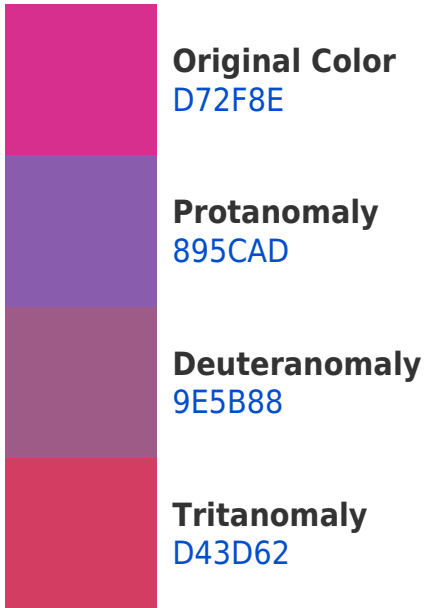
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

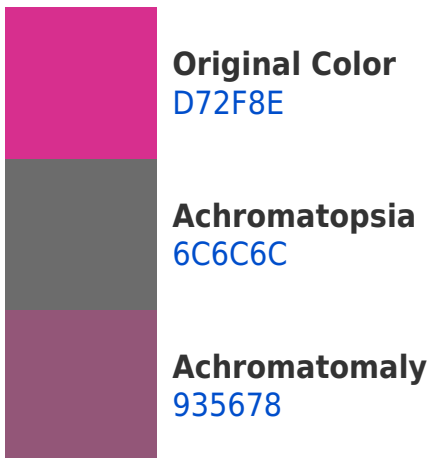




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72F8E 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 #D72F8E looks like.

```
.text, #text, p{  
    color:#D72F8E  
}
```

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 #D72F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72F8E
}
```

## Border

The CSS property to change the border of an element to Hex D72F8E 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
#D72F8E }
```

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

```
.border{ border-color:#D72F8E }
```

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

Here you see how a box with a 4 pixel #D72F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72F8E; -webkit-box-shadow:4px 4px  
4px 4px #D72F8E; box-shadow:4px 4px 4px  
4px #D72F8E }
```

# Background

The CSS property to change the background color of an element to Hex D72F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72F8E }
```

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

```
.background{ background-color:#D72F8E }
```

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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