

# Converting Colors

Hex(D73DEF)

Have a look what the booklet for  
Hex(D73DEF) contains.

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# Color

Hex(D73DEF)

# Conversions

## Conversions Part 1

Format	Color
Hex	D73DEF
RGB	215, 61, 239
RGB Percent	84%, 24%, 94%
CMY	0.1569, 0.7608, 0.0627
CMYK	0.10, 0.74, 0.00, 0.06
HSL	292°, 85%, 59%
HSV	292°, 74%, 94%
XYZ	45.2731, 24.0166, 83.9109
YIQ	127.3380, 34.6460, 88.0060

# Conversions

## Conversions Part 2

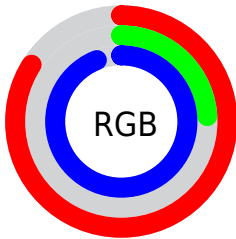
Format	Color
R <sub>Y</sub> B	215, 61, 239
Decimal	14106095
CIE Lab	56.10, 79.69, -59.05
CIE LCh	56, 99.182, 323.463
Yxy	24.0166, 0.2955, 0.1568
Android (android.graphics.Color)	4292296175 (0xFFD73DEF)
YUV	127.3380, 55.0494, 76.8796
Hunter-Lab	49.0067, 79.1391, -67.2136

# Details

The Hex color **D73DEF** 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 **55EF3D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7BFF**, and **9C00B6** is the 20% darker color. If you saturate the color by 10%, you get **D425EF**, and if you desaturate by 10%, it is **DA55EF**.

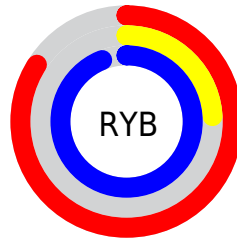
# Distribution



Red (84%)

Green (24%)

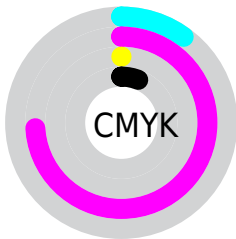
Blue (94%)



Red (84%)

Yellow (24%)

Blue (94%)

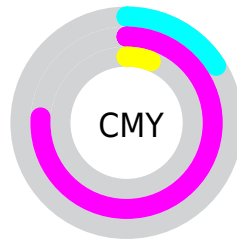


Cyan (10%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (16%)

Magenta (76%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D73DEF 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 D73DEF by changing the saturation by 10% instead.



 D73DEF

 D73DEF

FFFFFF

 B90FD2

 FF7BFF

 9C00B6

 FF99FF

 7F009B

 FFB6FF

 620080


 FFD4FF


 450066

 FFF2FF

 29004D

 000035

 00021F

 000001

 D73DEF

 D73DEF

 D425EF

 DA55EF

 D10DEF

 DD6DEF

 CF00EF

 E185EF

 E49DEF

 E7B5EF

 EACCEF

 EEE4EF

 F1FCEF

 F4FFEF

# Harmonies

## Analogous

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



1D79FF



D73DEF



FF009D

# Triad

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



D73DEF



B47D00



00A9CA

# Complementary

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



D73DEF



55EF3D

# 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.



00A770



D73DEF



629600

# Square

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



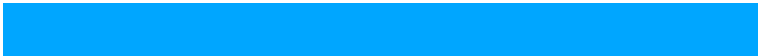
D73DEF



F04F00



00A200



00A6FF

# Rectangle

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



D73DEF



FF0065



00A200



00A9AD



# Sweetspot

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



D73DEF



F7C7FF



3D58EF



7B5E80



000000



808080



# Same Dimension

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



D73DEF



E01CFF



EF3DB1



766C78



9F00B8



310038



# Inverse Universe

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



EF3D55



FF1C3B



3DEF7B



786C6D



B80019

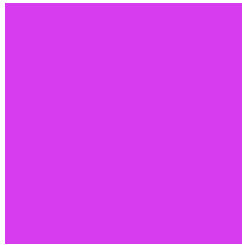


380008



# Previews

## White Background



This preview shows how the Hex color D73DEF 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

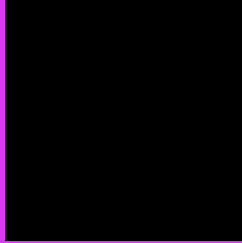
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D73DEF Background



This preview shows how black text looks on a background with the Hex color D73DEF.

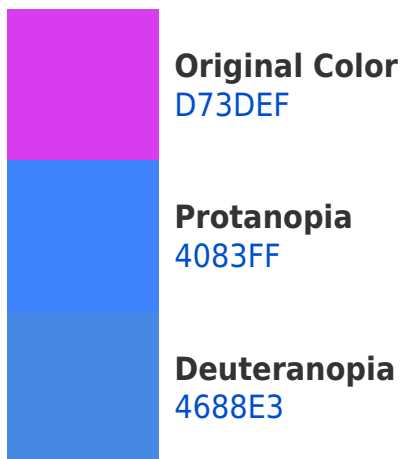



This preview shows how white text looks on a background with the Hex color D73DEF.

# 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](#).

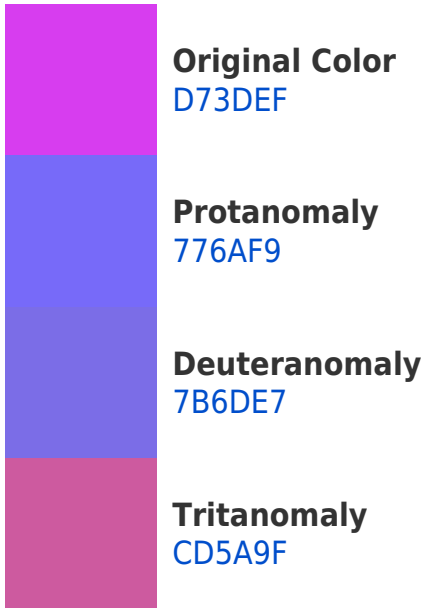
## Dichromacy



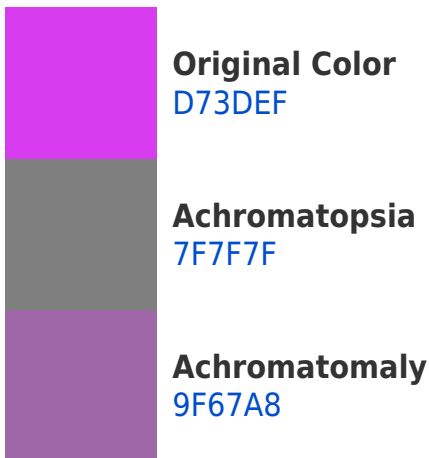


**Tritanopia**  
C76B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D73DEF 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 #D73DEF looks like.

```
.text, #text, p{  
    color:#D73DEF  
}
```

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 #D73DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D73DEF
}
```

## Border

The CSS property to change the border of an element to Hex D73DEF 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
#D73DEF }
```

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

```
.border{ border-color:#D73DEF }
```

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

Here you see how a box with a 4 pixel #D73DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D73DEF; -webkit-box-shadow:4px 4px  
4px 4px #D73DEF; box-shadow:4px 4px 4px  
4px #D73DEF }
```

# Background

The CSS property to change the background color of an element to Hex D73DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D73DEF }
```

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

```
.background{ background-color:#D73DEF }
```

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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