

# Converting Colors

Hex(D373E6)

Have a look what the booklet for  
Hex(D373E6) contains.

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# Color

Hex(D373E6)

# Conversions

## Conversions Part 1

Format	Color
Hex	D373E6
RGB	211, 115, 230
RGB Percent	83%, 45%, 90%
CMY	0.1725, 0.5490, 0.0980
CMYK	0.08, 0.50, 0.00, 0.10
HSL	290°, 70%, 68%
HSV	290°, 50%, 90%
XYZ	47.2776, 31.8235, 78.5137
YIQ	156.8140, 20.3010, 56.1170

# Conversions

## Conversions Part 2

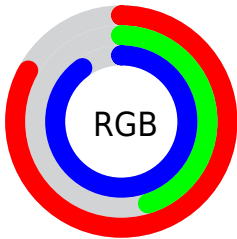
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 115, 230
Decimal	13857766
CIE Lab	63.20, 54.80, -42.80
CIE LCh	63, 69.533, 322.009
Yxy	31.8235, 0.3000, 0.2019
Android (android.graphics.Color)	4292047846 (0xFFD373E6)
YUV	156.8140, 36.0807, 47.5211
Hunter-Lab	56.4123, 50.8743, -43.0301

# Details

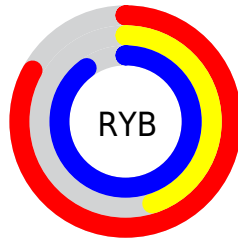
The Hex color **D373E6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86E673**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAAFF**, and **9A3DAE** is the 20% darker color. If you saturate the color by 10%, you get **CF5CE6**, and if you desaturate by 10%, it is **D78AE6**.

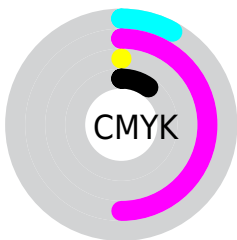
# Distribution



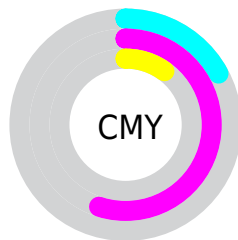
- Red (83%)
- Green (45%)
- Blue (90%)



- Red (83%)
- Yellow (45%)
- Blue (90%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (55%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D373E6 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 D373E6 by changing the saturation by 10% instead.



 D373E6

 D373E6

FFFFFF

 B658CA

 FFAAFF

 9A3DAE

 FFC6FF

 7E2193

 FFE3FF

 630079

 49005F

 300047

 130030

 00011A

 000000

 D373E6

 D373E6

 CF5CE6

 D78AE6

 CB45E6

 DBA1E6

 C82EE6

 DEB8E6

 C417E6

 E2CFE6

 C000E6

 E6E6E6

 EAFDE6

 EEFFE6

 F1FFE6

 F5FFE6

# Harmonies

## Analogous

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



7690FF



D373E6



FF5CAC

# Triad

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



D373E6



C59000



00B5C6

# Complementary

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



D373E6



86E673

# 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.



00B586



D373E6



8BA307

# Square

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



D373E6



F07637



34AF47



00B1FA

# Rectangle

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



D373E6



FF5A83



34AF47



00B6B1



# Sweetspot

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



D373E6



F9D9FF



7386E6



7C6980



000000



808080



# Same Dimension

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



D373E6



E666FF



E673C0



716773



9500B3



2B0033



# Inverse Universe

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



E67386



FF667F



73E699



736769



B3001D



330008



# Previews

## White Background



This preview shows how the Hex color D373E6 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

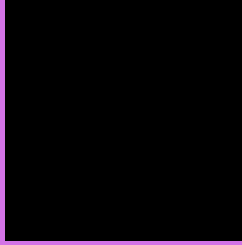
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D373E6 Background



This preview shows how black text looks on a background with the Hex color D373E6.

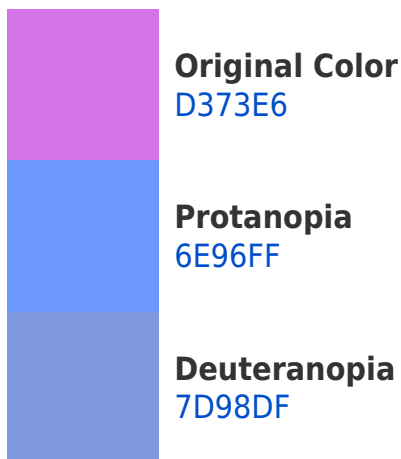


This preview shows how white text looks on a background with the Hex color D373E6.

# 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](#).

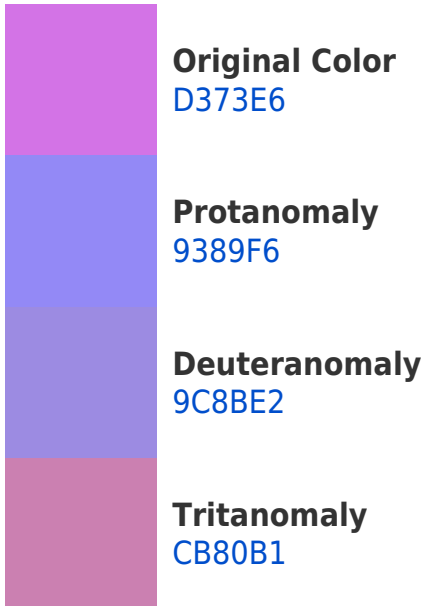
## Dichromacy





**Tritanopia**  
C78792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D373E6 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 #D373E6 looks like.

```
.text, #text, p{  
    color:#D373E6  
}
```

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 #D373E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D373E6
}
```

## Border

The CSS property to change the border of an element to Hex D373E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

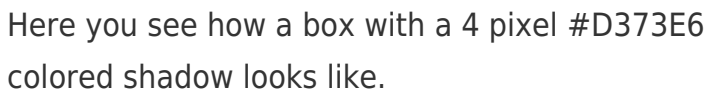
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D373E6 }
```

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

```
.border{ border-color:#D373E6 }
```

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



Here you see how a box with a 4 pixel #D373E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D373E6; -webkit-box-shadow:4px 4px  
4px 4px #D373E6; box-shadow:4px 4px 4px  
4px #D373E6 }
```

# Background

The CSS property to change the background color of an element to Hex D373E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D373E6 }
```

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

```
.background{ background-color:#D373E6 }
```

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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