

# Converting Colors

Hex(D773A7)

Have a look what the booklet for  
Hex(D773A7) contains.

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# **Color**

**Hex(D773A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D773A7
RGB	215, 115, 167
RGB Percent	84%, 45%, 65%
CMY	0.1569, 0.5490, 0.3451
CMYK	0.00, 0.47, 0.22, 0.16
HSL	329°, 56%, 65%
HSV	329°, 47%, 84%
XYZ	41.1301, 29.4986, 40.0852
YIQ	150.8280, 42.9080, 37.3720

# Conversions

## Conversions Part 2

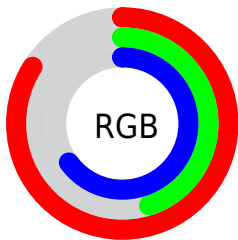
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 115, 167
Decimal	14119847
CIE <sub>Lab</sub>	61.22, 45.35, -10.20
CIE <sub>LCh</sub>	61, 46.483, 347.318
Yxy	29.4986, 0.3715, 0.2664
Android (android.graphics.Color)	4292309927 (0xFFD773A7)
YUV	150.8280, 7.9728, 56.2788
Hunter-Lab	54.3126, 40.1284, -5.7400

# Details

The Hex color **D773A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73D7A3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA9DE**, and **9E3F73** is the 20% darker color. If you saturate the color by 10%, you get **D75E9D**, and if you desaturate by 10%, it is **D789B1**.

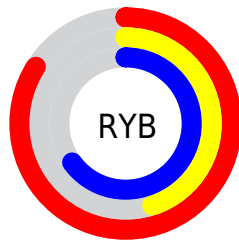
# Distribution



Red (84%)

Green (45%)

Blue (65%)



Red (84%)

Yellow (45%)

Blue (65%)

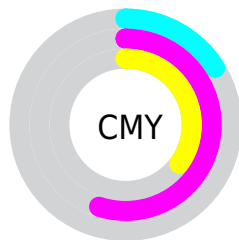


Cyan (0%)

Magenta (47%)

Yellow (22%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D773A7 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 D773A7 by changing the saturation by 10% instead.



 D773A7

 D773A7

FFFFFF

 BA598D

 FFA9DE

 9E3F73

 FFC5FB

 82245A

 FFE2FF

 670043

 4D002D

 350019

 120000

 000000

 D773A7

 D773A7

 D75E9D

 D789B1

 D74892

 D79EBC

 D73388

 D7B4C6

 D71D7E

 D7C9D0

 D70873

 D7DFDB

 D70070

 D7F4E5

 D7FFE F

 D7FFFA

 D7FFFF

# Harmonies

## Analogous

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



B580CC



D773A7



E1727D

# Triad

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



D773A7



959942



00A5CF

# Complementary

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



D773A7



73D7A3

# 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.



00A9AB



D773A7



66A25A

# Square

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



D773A7



BB8B42



12A780



009DE4

# Rectangle

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



D773A7



DC7864



12A780



00A7C4



# Sweetspot

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



D773A7



FFDBEE



A273D7



806A75



000000



808080



# Same Dimension

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



D773A7



FF70BA



D77376



6B6066



AB0059



2B0017



# Inverse Universe

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



D773A7



FF70BA



73D7D4



6B6066



AB0059



2B0017



# Previews

## White Background



This preview shows how the Hex color D773A7 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 D773A7 Background



This preview shows how black text looks on a background with the Hex color D773A7.



This preview shows how white text looks on a background with the Hex color D773A7.

# 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



**Original Color**  
D773A7

**Protanopia**  
8A93BC

**Deuteranopia**  
9C90A2



**Tritanopia**  
D37A83

# Trichromacy



**Original Color**  
D773A7



**Protanomaly**  
A687B4



**Deuteranomaly**  
B185A4

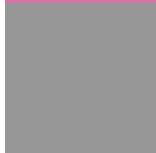


**Tritanomaly**  
D47790

# Monochromacy



**Original Color**  
D773A7



**Achromatopsia**  
979797



**Achromatomaly**  
AE8A9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D773A7 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 #D773A7 looks like.

```
.text, #text, p{  
    color:#D773A7  
}
```

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 #D773A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D773A7
}
```

## Border

The CSS property to change the border of an element to Hex D773A7 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
#D773A7 }
```

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

```
.border{ border-color:#D773A7 }
```

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

Here you see how a box with a 4 pixel #D773A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D773A7; -webkit-box-shadow:4px 4px  
4px 4px #D773A7; box-shadow:4px 4px 4px  
4px #D773A7 }
```

# Background

The CSS property to change the background color of an element to Hex D773A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D773A7 }
```

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

```
.background{ background-color:#D773A7 }
```

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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