

# Converting Colors

Hex(D473BD)

Have a look what the booklet for  
Hex(D473BD) contains.

<b>Hex(D473BD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D473BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D473BD
RGB	212, 115, 189
RGB Percent	83%, 45%, 74%
CMY	0.1686, 0.5490, 0.2588
CMYK	0.00, 0.46, 0.11, 0.17
HSL	314°, 53%, 64%
HSV	314°, 46%, 83%
XYZ	42.4674, 29.9326, 51.6834
YIQ	152.4390, 34.0580, 43.5780

# Conversions

## Conversions Part 2

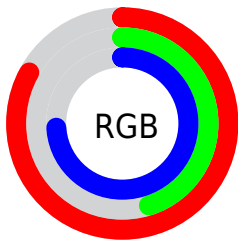
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 115, 189
Decimal	13923261
CIE <sub>Lab</sub>	61.60, 47.78, -22.23
CIE <sub>LCh</sub>	62, 52.697, 335.053
Yxy	29.9326, 0.3422, 0.2412
Android (android.graphics.Color)	4292113341 (0xFFD473BD)
YUV	152.4390, 18.0246, 52.2350
Hunter-Lab	54.7107, 42.8110, -17.7118

# Details

The Hex color **D473BD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73D48A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA9F5**, and **9B3E88** is the 20% darker color. If you saturate the color by 10%, you get **D45EB8**, and if you desaturate by 10%, it is **D488C2**.

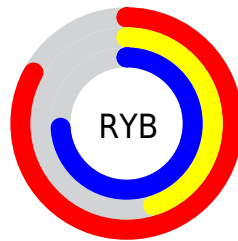
# Distribution



Red (83%)

Green (45%)

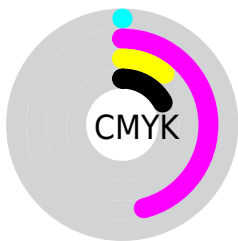
Blue (74%)



Red (83%)

Yellow (45%)

Blue (74%)

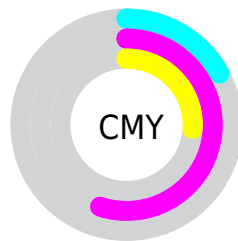


Cyan (0%)

Magenta (46%)

Yellow (11%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D473BD 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 D473BD by changing the saturation by 10% instead.



 D473BD

 D473BD

FFFFFF

 B759A2

 FFA9F5

 9B3E88

 FFC5FF

 80236E

 FFE2FF

 650055

 4B003E

 340028

 130012

 000000

 D473BD

 D473BD

 D45EB8

 D488C2

 D449B3

 D49DC7

 D433AE

 D4B3CC

 D41EA9

 D4C8D1

 D409A4

 D4DDD6

 D400A2

 D4F2DB

 D4FFE0

 D4FFE5

 D4FFEA

# Harmonies

## Analogous

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



A285E1



D473BD



EA6B8F

# Triad

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



D473BD



A79532



00AAC9

# Complementary

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



D473BD



73D48A

# 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.



00AC9B



D473BD



77A144

# Square

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



D473BD



CE843F



2DA96C



00A4E9

# Rectangle

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



D473BD



EA6F70



2DA96C



00ABBB



# Sweetspot

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



D473BD



FFDBF7



8A73D4



806A7A



000000



808080



# Same Dimension

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



D473BD



FF73DE



D4738D



6B6069



AB0082



2B0021



# Inverse Universe

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



D473BD



FF73DE



73D4BA



6B6069



AB0082



2B0021



# Previews

## White Background



This preview shows how the Hex color D473BD looks on a white background.

## Color Contrast Check

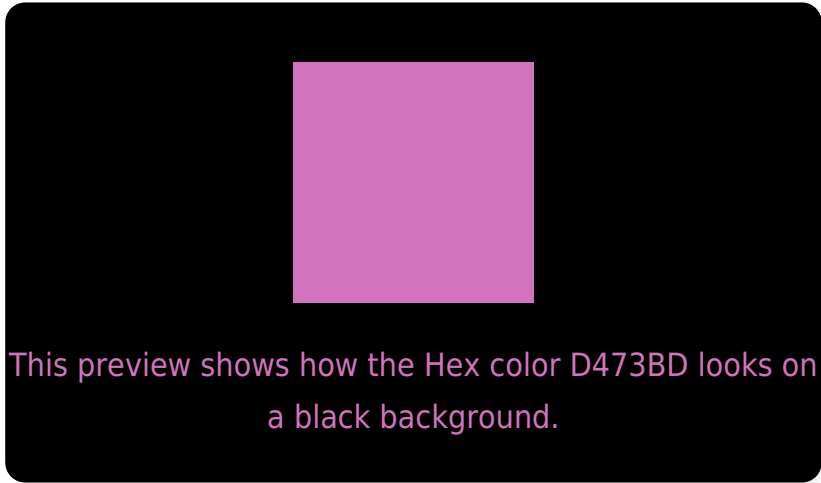
Large Text (above 18pt) WCAG AA ✓ Pass

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

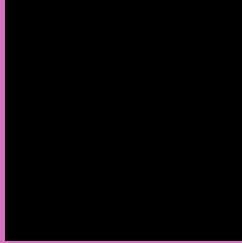
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D473BD Background



This preview shows how black text looks on a background with the Hex color D473BD.

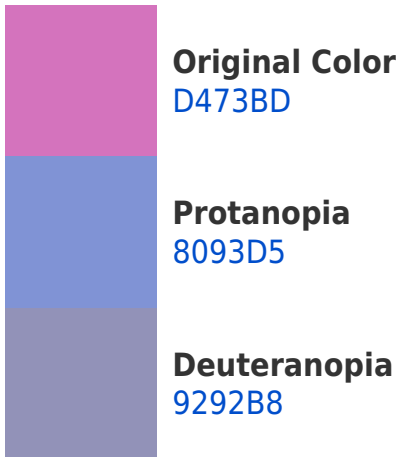


This preview shows how white text looks on a background with the Hex color D473BD.

# 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**  
CE7E88

# Trichromacy



**Original Color**  
D473BD



**Protanomaly**  
9F87CC



**Deuteranomaly**  
AA87BA

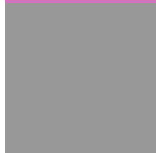


**Tritanomaly**  
D07A9B

# Monochromacy



**Original Color**  
D473BD



**Achromatopsia**  
989898



**Achromatomaly**  
AE8BA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D473BD 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 #D473BD looks like.

```
.text, #text, p{  
    color:#D473BD  
}
```

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 #D473BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D473BD
}
```

## Border

The CSS property to change the border of an element to Hex D473BD 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
#D473BD }
```

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

```
.border{ border-color:#D473BD }
```

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

Here you see how a box with a 4 pixel #D473BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D473BD; -webkit-box-shadow:4px 4px  
4px 4px #D473BD; box-shadow:4px 4px 4px  
4px #D473BD }
```

# Background

The CSS property to change the background color of an element to Hex D473BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D473BD }
```

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

```
.background{ background-color:#D473BD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor