

# Converting Colors

Hex(D75BAD)

Have a look what the booklet for  
Hex(D75BAD) contains.

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# Color

**Hex(D75BAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D75BAD
RGB	215, 91, 173
RGB Percent	84%, 36%, 68%
CMY	0.1569, 0.6431, 0.3216
CMYK	0.00, 0.58, 0.20, 0.16
HSL	320°, 61%, 60%
HSV	320°, 58%, 84%
XYZ	39.3082, 24.9464, 42.2785
YIQ	137.4240, 47.5820, 51.7900

# Conversions

## Conversions Part 2

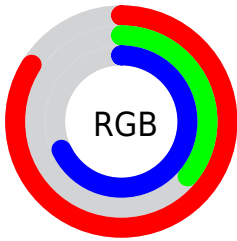
Format	Color
<a href="#">RYB</a>	<a href="#">215, 91, 173</a>
Decimal	<a href="#">14113709</a>
CIELab	<a href="#">57.02, 57.77, -20.01</a>
CIELCh	<a href="#">57, 61.134, 340.897</a>
Yxy	<a href="#">24.9464, 0.3690, 0.2342</a>
Android (android.graphics.Color)	<a href="#">4292303789 (0xFFD75BAD)</a>
YUV	<a href="#">137.4240, 17.5390, 68.0342</a>
Hunter-Lab	<a href="#">49.9463, 53.0751, -15.2253</a>

# Details

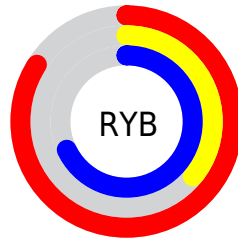
The Hex color **D75BAD** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **5BD785**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF92E5**, and **9D1F78** is the 20% darker color. If you saturate the color by 10%, you get **D746A6**, and if you desaturate by 10%, it is **D771B4**.

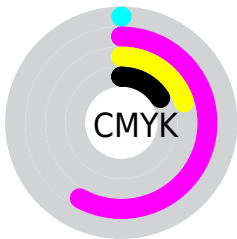
# Distribution



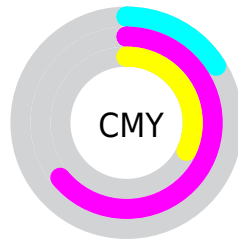
- Red (84%)
- Green (36%)
- Blue (68%)



- Red (84%)
- Yellow (36%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75BAD 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 D75BAD by changing the saturation by 10% instead.



 D75BAD

 D75BAD

FFFFFF

 BA3F92

 FF92E5

 9D1F78

 FFAFFF

 810060

 FFCBFF

 650048

 FFE8FF

 4A0031

 31001C

 050000

 000000

 D75BAD

 D75BAD

 D746A6

 D771B4

 D7309E

 D786BC

 D71B97

 D79CC3

 D70590

 D7B1CA

 D7008E

 D7C7D1

 D7DCD9

 D7F2E0

 D7FFE7

 D7FFEF

# Harmonies

## Analogous

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



A472DA



D75BAD



E95478

# Triad

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



D75BAD



918C07



00A0CE

# Complementary

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



D75BAD



5BD785

# 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.



00A29B



D75BAD



569931

# Square

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



D75BAD



BF7A1A



00A064



0098EE

# Rectangle

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



D75BAD



E45C55



00A064



00A1BE



# Sweetspot

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



D75BAD



FFD4F0



845BD7



806677



000000



808080



# Same Dimension

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



D75BAD



FF4FC3



D75B70



6B6067



AB0071



2B001D



# Inverse Universe

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



D75BAD



FF4FC3



5BD7C2



6B6067



AB0071



2B001D



# Previews

## White Background



This preview shows how the Hex color D75BAD looks on a white background.

## Color Contrast Check

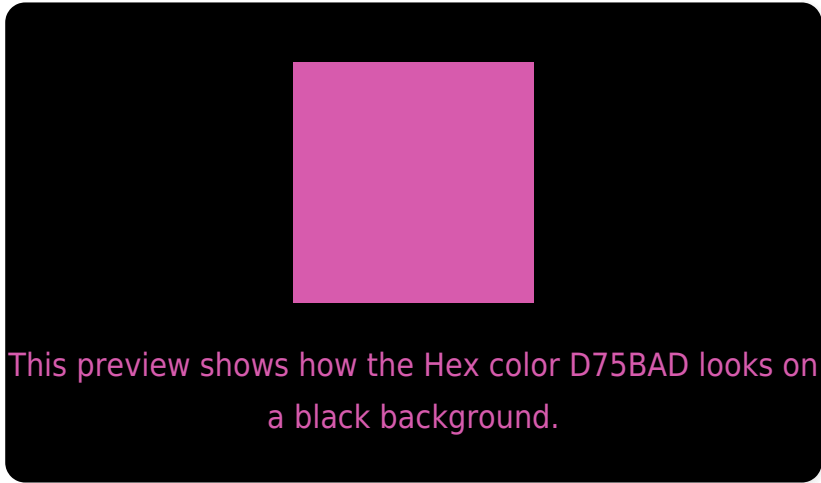
Large Text (above 18pt) WCAG AA ✓ Pass

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 D75BAD Background



This preview shows how black text looks on a background with the Hex color D75BAD.

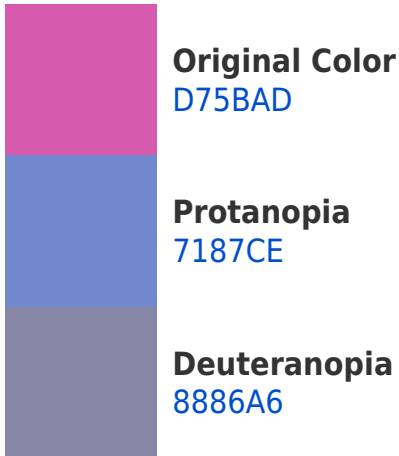



This preview shows how white text looks on a background with the Hex color D75BAD.

# 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](#).

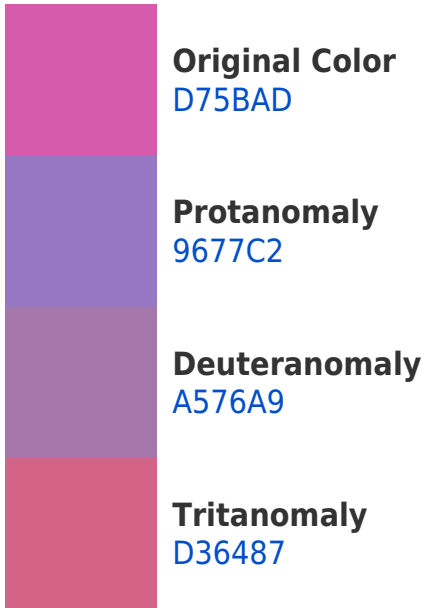
## Dichromacy



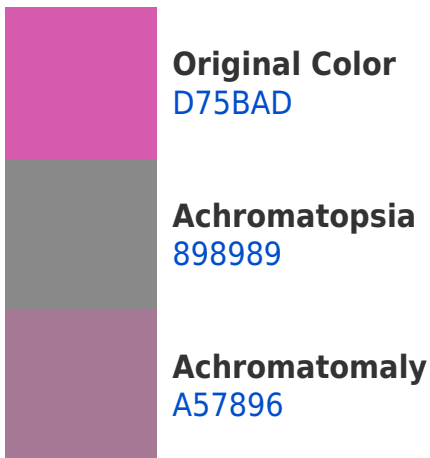


**Tritanopia**  
D16971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75BAD 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 #D75BAD looks like.

```
.text, #text, p{  
    color:#D75BAD  
}
```

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 #D75BAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75BAD
}
```

## Border

The CSS property to change the border of an element to Hex D75BAD 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
#D75BAD }
```

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

```
.border{ border-color:#D75BAD }
```

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

Here you see how a box with a 4 pixel #D75BAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75BAD; -webkit-box-shadow:4px 4px  
4px 4px #D75BAD; box-shadow:4px 4px 4px  
4px #D75BAD }
```

# Background

The CSS property to change the background color of an element to Hex D75BAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75BAD }
```

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

```
.background{ background-color:#D75BAD }
```

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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