

# Converting Colors

Hex(D44BB1)

Have a look what the booklet for  
Hex(D44BB1) contains.

<b>Hex(D44BB1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D44BB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D44BB1
RGB	212, 75, 177
RGB Percent	83%, 29%, 69%
CMY	0.1686, 0.7059, 0.3059
CMYK	0.00, 0.65, 0.17, 0.17
HSL	315°, 61%, 56%
HSV	315°, 65%, 83%
XYZ	37.6033, 22.2035, 43.8988
YIQ	127.5910, 48.9100, 60.7660

# Conversions

## Conversions Part 2

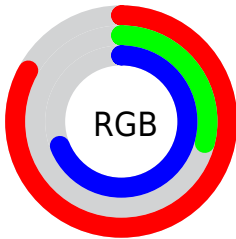
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 75, 177
Decimal	13913009
CIE Lab	54.24, 64.29, -26.64
CIE LCh	54, 69.590, 337.490
Yxy	22.2035, 0.3626, 0.2141
Android (android.graphics.Color)	4292103089 (0xFFD44BB1)
YUV	127.5910, 24.3586, 74.0267
Hunter-Lab	47.1206, 59.9858, -22.2516

# Details

The Hex color **D44BB1** 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 **4BD46E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF84E9**, and **9A007C** is the 20% darker color. If you saturate the color by 10%, you get **D436AC**, and if you desaturate by 10%, it is **D460B6**.

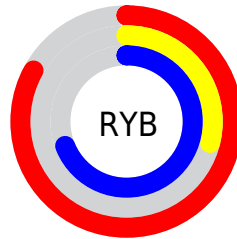
# Distribution



Red (83%)

Green (29%)

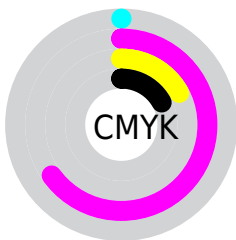
Blue (69%)



Red (83%)

Yellow (29%)

Blue (69%)

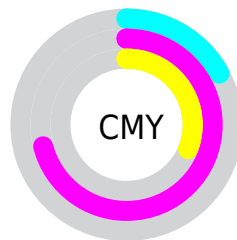


Cyan (0%)

Magenta (65%)

Yellow (17%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D44BB1 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 D44BB1 by changing the saturation by 10% instead.



 D44BB1

 D44BB1

FFFFFF

 B72C96

 FF84E9

 9A007C

 FFA1FF

 7E0063

 FFBDFE

 62004B

 FFDBFF

 470034

 FFF8FF

 2C001E

 000000

 D44BB1

 D44BB1

 D436AC

 D460B6

 D421A6

 D475BC

 D40BA1

 D48BC1

 D4009E

 D4A0C7

 D4B5CC

 D4CAD1

 D4DFD7

 D4F5DC

 D4FFE2

# Harmonies

## Analogous

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



956AE2



D44BB1



EB3C75

# Triad

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



D44BB1



8F8400



009BCA

# Complementary

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



D44BB1



4BD46E

# 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.



009D90



D44BB1



4D920B

# Square

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



D44BB1



C06D00



009A51



0094F1

# Rectangle

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



D44BB1



E8474E



009A51



009CB8



# Sweetspot

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



D44BB1



FFCFF3



6D4BD4



806278



000000



808080



# Same Dimension

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



D44BB1



FF38CC



D44B6D



6B6068



AB007F



2B0020



# Inverse Universe

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



D44BB1



FF38CC



4BD4B2



6B6068



AB007F



2B0020



# Previews

## White Background



This preview shows how the Hex color D44BB1 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 D44BB1 Background



This preview shows how black text looks on a background with the Hex color D44BB1.

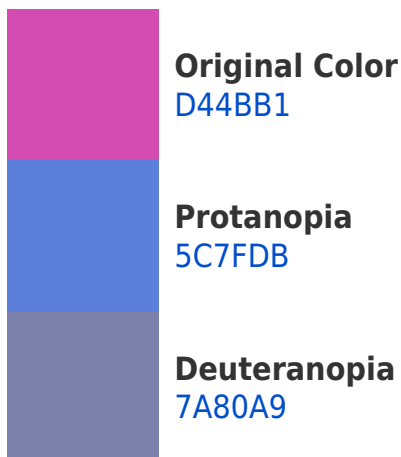


This preview shows how white text looks on a background with the Hex color D44BB1.

# 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





# Trichromacy



**Original Color**  
D44BB1



**Protanomaly**  
886CCC



**Deuteranomaly**  
9B6DAC

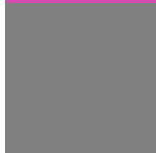


**Tritanomaly**  
D05881

# Monochromacy



**Original Color**  
D44BB1



**Achromatopsia**  
808080



**Achromatomaly**  
9F6D92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D44BB1 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 #D44BB1 looks like.

```
.text, #text, p{  
  color:#D44BB1  
}
```

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 #D44BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44BB1
}
```

## Border

The CSS property to change the border of an element to Hex D44BB1 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
#D44BB1 }
```

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

```
.border{ border-color:#D44BB1 }
```

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

Here you see how a box with a 4 pixel #D44BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44BB1; -webkit-box-shadow:4px 4px  
4px 4px #D44BB1; box-shadow:4px 4px 4px  
4px #D44BB1 }
```

# Background

The CSS property to change the background color of an element to Hex D44BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44BB1 }
```

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

```
.background{ background-color:#D44BB1 }
```

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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