

# Converting Colors

Hex(DD4CA1)

Have a look what the booklet for  
Hex(DD4CA1) contains.

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# Color

**Hex(DD4CA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD4CA1
RGB	221, 76, 161
RGB Percent	87%, 30%, 63%
CMY	0.1333, 0.7020, 0.3686
CMYK	0.00, 0.66, 0.27, 0.13
HSL	325°, 68%, 58%
HSV	325°, 66%, 87%
XYZ	38.8363, 23.1142, 36.1328
YIQ	129.0450, 59.1350, 57.1750

# Conversions

## Conversions Part 2

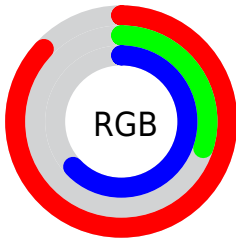
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 76, 161
Decimal	14503073
CIE <sub>Lab</sub>	55.19, 64.17, -15.73
CIE <sub>LCh</sub>	55, 66.071, 346.231
Yxy	23.1142, 0.3960, 0.2357
Android (android.graphics.Color)	4292693153 (0xFFDD4CA1)
YUV	129.0450, 15.7538, 80.6445
Hunter-Lab	48.0773, 60.0550, -10.9057

# Details

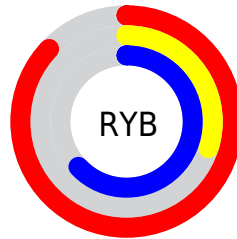
The Hex color **DD4CA1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4CDD88**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF85D8**, and **A2006D** is the 20% darker color. If you saturate the color by 10%, you get **DD3698**, and if you desaturate by 10%, it is **DD62AA**.

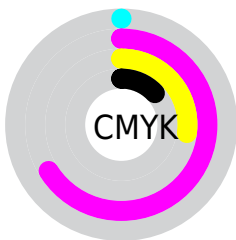
# Distribution



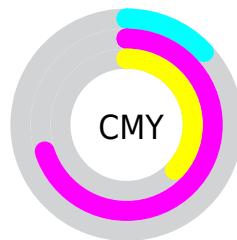
- Red (87%)
- Green (30%)
- Blue (63%)



- Red (87%)
- Yellow (30%)
- Blue (63%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (70%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD4CA1 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 DD4CA1 by changing the saturation by 10% instead.



 DD4CA1

 DD4CA1

FFFFFF

 BF2C87

 FF85D8

 A2006D

 FFA2F4

 850055

 FFBFFF

 69003E

 FFDCFF

 4D0028

 FFFAFF

 320012

 010000

 000000

 DD4CA1

 DD4CA1

 DD3698

 DD62AA

 DD208F

 DD78B3

 DD0A86

 DD8EBC

 DD0082

 DDA4C6

 DDBBCF

 DDD1D8

 DDE7E1

 DDFDEA

 DDFFF3

# Harmonies

## Analogous

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



AD66D4



DD4CA1



EA4968

# Triad

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



DD4CA1



828B00



009CD6

# Complementary

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



DD4CA1



4CDD88

# 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.



009EA3



DD4CA1



3A972D

# Square

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



DD4CA1



B47800



009D67



0092F4

# Rectangle

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



DD4CA1



E15643



009D67



009DC7



# Sweetspot

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



DD4CA1



FFCCEA



864CDD



806173



000000



808080



# Same Dimension

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



DD4CA1



FF36AC



DD4C5B



6E6369



AD0066



2E001B



# Inverse Universe

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



DD4CA1



FF36AC



4CDDCF



6E6369



AD0066



2E001B



# Previews

## White Background



This preview shows how the Hex color DD4CA1 looks on a white background.

## Color Contrast Check

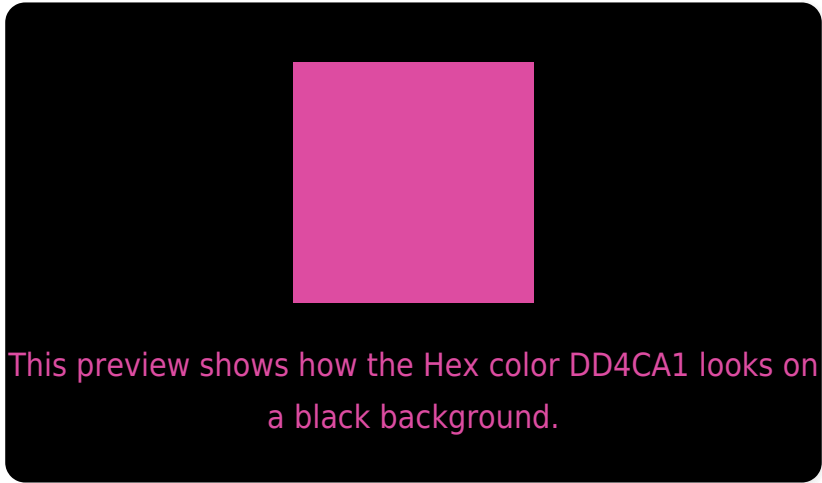
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4CA1 Background



This preview shows how black text looks on a background with the Hex color DD4CA1.

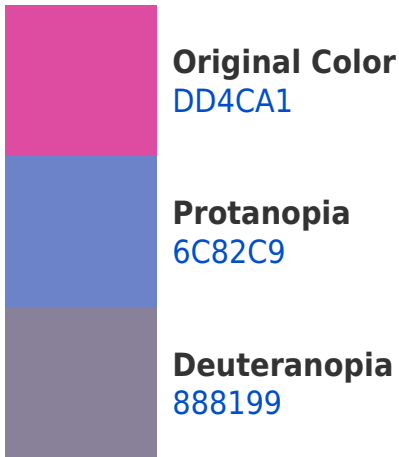



This preview shows how white text looks on a background with the Hex color DD4CA1.

# 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**  
D85C62

# Trichromacy



**Original Color**  
DD4CA1



**Protanomaly**  
956EBA



**Deuteranomaly**  
A76E9C

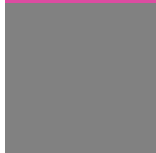


**Tritanomaly**  
DA5679

# Monochromacy



**Original Color**  
DD4CA1



**Achromatopsia**  
818181



**Achromatomaly**  
A26E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD4CA1 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 #DD4CA1 looks like.

```
.text, #text, p{  
    color:#DD4CA1  
}
```

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 #DD4CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4CA1
}
```

## Border

The CSS property to change the border of an element to Hex DD4CA1 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
#DD4CA1 }
```

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

```
.border{ border-color:#DD4CA1 }
```

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

Here you see how a box with a 4 pixel #DD4CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4CA1; -webkit-box-shadow:4px 4px  
4px 4px #DD4CA1; box-shadow:4px 4px 4px  
4px #DD4CA1 }
```

# Background

The CSS property to change the background color of an element to Hex DD4CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4CA1 }
```

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

```
.background{ background-color:#DD4CA1 }
```

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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