

# Converting Colors

Hex(DD9EE2)

Have a look what the booklet for  
Hex(DD9EE2) contains.

<b>Hex(DD9EE2)</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(DD9EE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD9EE2
RGB	221, 158, 226
RGB Percent	87%, 62%, 89%
CMY	0.1333, 0.3804, 0.1137
CMYK	0.02, 0.30, 0.00, 0.11
HSL	296°, 54%, 75%
HSV	296°, 30%, 89%
XYZ	55.7731, 45.3169, 77.7590
YIQ	184.5890, 15.7200, 34.5040

# Conversions

## Conversions Part 2

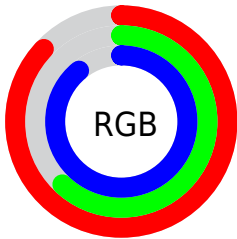
Format	Color
R <sub>YB</sub>	221, 158, 226
Decimal	14524130
CIE Lab	73.10, 34.55, -25.15
CIE LCh	73, 42.732, 323.948
Yxy	45.3169, 0.3118, 0.2534
Android (android.graphics.Color)	4292714210 (0xFFDD9EE2)
YUV	184.5890, 20.4156, 31.9324
Hunter-Lab	67.3178, 30.0820, -21.3636

# Details

The Hex color **DD9EE2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3E29E**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD5FF**, and **A56AAA** is the 20% darker color. If you saturate the color by 10%, you get **DB87E2**, and if you desaturate by 10%, it is **DFB5E2**.

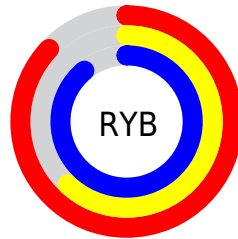
# Distribution



Red (87%)

Green (62%)

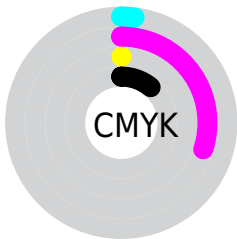
Blue (89%)



Red (87%)

Yellow (62%)

Blue (89%)

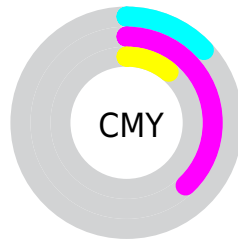


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD9EE2 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 DD9EE2 by changing the saturation by 10% instead.



 DD9EE2

 DD9EE2

FFFFFF

 C183C6

 FFD5FF

 A56AAA

 FFF2FF

 8A5190

 703876

 56205D

 3E0645

 28002F

 000019

 000000

 DD9EE2

 DD9EE2

 DB87E2

 DFB5E2

 DA71E2

 E0CBE2

 D85AE2

 E2E2E2

 D644E2

 E4F8E2

 D52DE2

 E5FFE2

 D316E2

 E7FFE2

 D100E2

 E9FFE2

 EAFFE2

 ECFFE2

# Harmonies

## Analogous

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



ACACFB



DD9EE2



F995BD

# Triad

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



DD9EE2



D4AE65



00C8D2

# Complementary

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



DD9EE2



A3E29E

# 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.



45C8AA



DD9EE2



ADBB6A

# Square

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



DD9EE2



F1A175



7FC384



00C3F2

# Rectangle

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



DD9EE2



FF95A2



7FC384



00C8C5



# Sweetspot

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



DD9EE2



FDE8FF



9EA4E2



7E7180



000000



808080



# Same Dimension

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



DD9EE2



F8A3FF



E29EC6



6F6570



A300B0



2D0030



# Inverse Universe

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



E29EA3



FFA3AA



9EE2BA



706566



B0000D

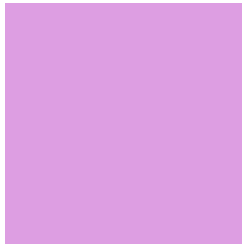


300004



# Previews

## White Background



This preview shows how the Hex color DD9EE2 looks on a white background.

## Color Contrast Check

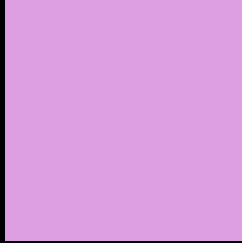
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DD9EE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

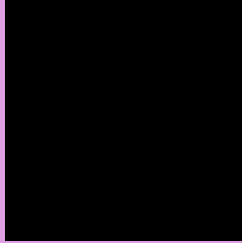
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD9EE2 Background



This preview shows how black text looks on a background with the Hex color DD9EE2.

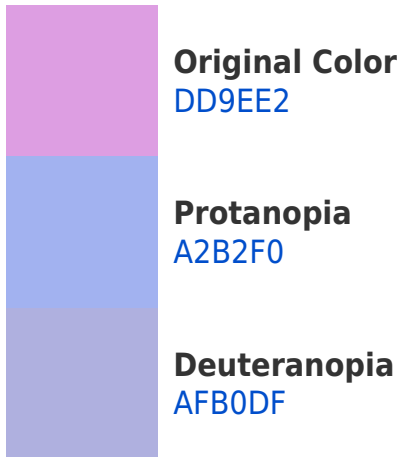


This preview shows how white text looks on a background with the Hex color DD9EE2.

# 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**  
D7A7B4

# Trichromacy



**Original Color**  
DD9EE2



**Protanomaly**  
B7ABEB



**Deuteranomaly**  
C0A9E0

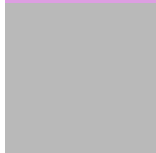


**Tritanomaly**  
D9A4C5

# Monochromacy



**Original Color**  
DD9EE2



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
C6AFC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD9EE2 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 #DD9EE2 looks like.

```
.text, #text, p{  
    color:#DD9EE2  
}
```

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 #DD9EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9EE2
}
```

## Border

The CSS property to change the border of an element to Hex DD9EE2 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
#DD9EE2 }
```

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

```
.border{ border-color:#DD9EE2 }
```

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

Here you see how a box with a 4 pixel #DD9EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9EE2; -webkit-box-shadow:4px 4px  
4px 4px #DD9EE2; box-shadow:4px 4px 4px  
4px #DD9EE2 }
```

# Background

The CSS property to change the background color of an element to Hex DD9EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9EE2 }
```

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

```
.background{ background-color:#DD9EE2 }
```

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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