

# Converting Colors

Hex(D19BEE)

Have a look what the booklet for  
Hex(D19BEE) contains.

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# **Color**

**Hex(D19BEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D19BEE
RGB	209, 155, 238
RGB Percent	82%, 61%, 93%
CMY	0.1804, 0.3922, 0.0667
CMYK	0.12, 0.35, 0.00, 0.07
HSL	279°, 71%, 77%
HSV	279°, 35%, 93%
XYZ	53.4485, 43.1710, 86.4047
YIQ	180.6080, 5.5410, 37.2610

# Conversions

## Conversions Part 2

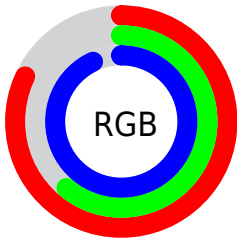
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 155, 238</a>
Decimal	<a href="#">13736942</a>
CIELab	<a href="#">71.67, 34.81, -34.01</a>
CIELCh	<a href="#">72, 48.664, 315.668</a>
Yxy	<a href="#">43.1710, 0.2920, 0.2359</a>
Android (android.graphics.Color)	<a href="#">4291927022 (0xFFD19BEE)</a>
YUV	<a href="#">180.6080, 28.2943, 24.8998</a>
Hunter-Lab	<a href="#">65.7047, 30.2203, -31.9759</a>

# Details

The Hex color **D19BEE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8EE9B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD2FF**, and **9967B6** is the 20% darker color. If you saturate the color by 10%, you get **C983EE**, and if you desaturate by 10%, it is **D9B3EE**.

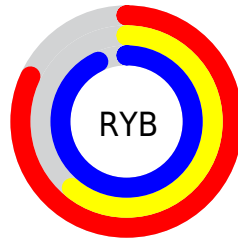
# Distribution



Red (82%)

Green (61%)

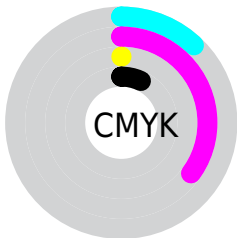
Blue (93%)



Red (82%)

Yellow (61%)

Blue (93%)

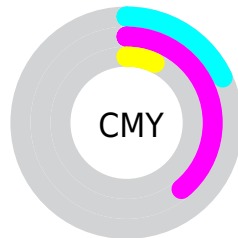


Cyan (12%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (18%)

Magenta (39%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19BEE 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 D19BEE by changing the saturation by 10% instead.



 D19BEE

 D19BEE

FFFFFF

 B581D2

 FFD2FF

 9967B6

 FFEFFF

 7F4E9B

 643680

 4B1E67

 32054F

 1E0037

 000221

 000006

 D19BEE

 D19BEE

 C983EE

 D9B3EE

 C06BEE

 E2CBEE

 B854EE

 EAE2EE

 B03CEE

 F2FAEE

 A724EE

 FBFFEE

 9F0CEE

 FFFFEE

 9B00EE

# Harmonies

## Analogous

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



91ACFF



D19BEE



F78EC7

# Triad

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



D19BEE



DDA659



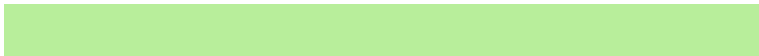
00C6C6

# Complementary

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



D19BEE



B8EE9B

# 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.



3CC598



D19BEE



B4B457

# Square

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



D19BEE



F99672



82BF6F



00C3EE

# Rectangle

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



D19BEE



FF8BA9



82BF6F



00C6B7



# Sweetspot

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



D19BEE



F6E6FF



9BB8EE



7A7080



000000



808080



# Same Dimension

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



D19BEE



DA94FF



EE9BE2



746C78



7700B8



240038



# Inverse Universe

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



EE9BB8



FF94B9



9BEEA7



786C70



B80040

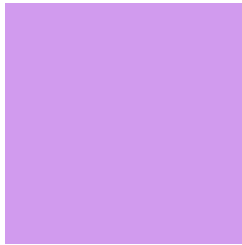


380014



# Previews

## White Background



This preview shows how the Hex color D19BEE looks on a white background.

## Color Contrast Check

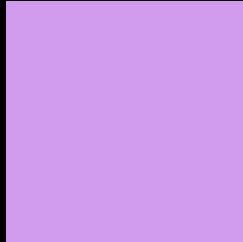
Large Text (above 18pt) WCAG AA × Fail

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 D19BEE 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 D19BEE Background



This preview shows how black text looks on a background with the Hex color D19BEE.



This preview shows how white text looks on a background with the Hex color D19BEE.

# 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**  
C8A7B4

# Trichromacy



**Original Color**  
D19BEE



**Protanomaly**  
ACA6F7



**Deuteranomaly**  
B2A6EB



**Tritanomaly**  
CBA3C9

# Monochromacy



**Original Color**  
D19BEE



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
BFACCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19BEE 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 #D19BEE looks like.

```
.text, #text, p{  
  color:#D19BEE  
}
```

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 #D19BEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19BEE
}
```

## Border

The CSS property to change the border of an element to Hex D19BEE 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
#D19BEE }
```

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

```
.border{ border-color:#D19BEE }
```

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

Here you see how a box with a 4 pixel #D19BEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19BEE; -webkit-box-shadow:4px 4px  
4px 4px #D19BEE; box-shadow:4px 4px 4px  
4px #D19BEE }
```

# Background

The CSS property to change the background color of an element to Hex D19BEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19BEE }
```

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

```
.background{ background-color:#D19BEE }
```

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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