

# Converting Colors

Hex(DE1F9E)

Have a look what the booklet for  
Hex(DE1F9E) contains.

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# Color

**Hex(DE1F9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE1F9E
RGB	222, 31, 158
RGB Percent	87%, 12%, 62%
CMY	0.1294, 0.8784, 0.3804
CMYK	0.00, 0.86, 0.29, 0.13
HSL	320°, 75%, 50%
HSV	320°, 86%, 87%
XYZ	36.7857, 18.9782, 34.0721
YIQ	102.5870, 73.0690, 79.9890

# Conversions

## Conversions Part 2

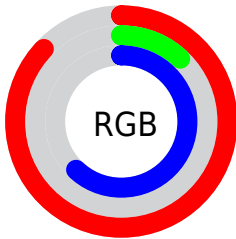
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 31, 158
Decimal	14557086
CIE <sub>Lab</sub>	50.66, 77.04, -20.85
CIE <sub>LCh</sub>	51, 79.813, 344.858
Yxy	18.9782, 0.4095, 0.2113
Android (android.graphics.Color)	4292747166 (0xFFDE1F9E)
YUV	102.5870, 27.3186, 104.7252
Hunter-Lab	43.5640, 74.4898, -15.8769

# Details

The Hex color **DE1F9E** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **1FDE5F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67D5**, and **A2006A** is the 20% darker color. If you saturate the color by 10%, you get **DE0997**, and if you desaturate by 10%, it is **DE35A5**.

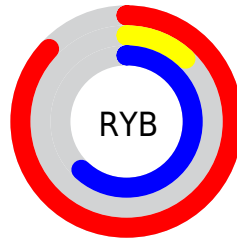
# Distribution



Red (87%)

Green (12%)

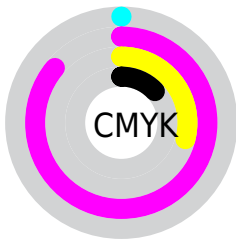
Blue (62%)



Red (87%)

Yellow (12%)

Blue (62%)

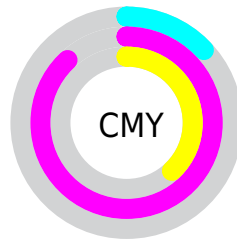


Cyan (0%)

Magenta (86%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (88%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE1F9E 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 DE1F9E by changing the saturation by 10% instead.



 DE1F9E

 DE1F9E

FFFFFF

 C00084

 FF67D5

 A2006A

 FF85F1

 840052

 FFA3FF

 67003B

 FFC1FF

 4C0025

 FFDFFF

 2E000D

 FFFDFF

 000000

 DE1F9E

 DE1F9E

 DE0997

 DE35A5

 DE0094

 DE4BAD

 DE62B4

 DE78BC

 DE8EC3

 DEA4CB

 DEBAD2

 DED1DA

 DEE7E1

# Harmonies

## Analogous

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



A353DA



DE1F9E



ED0D5A

# Triad

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



DE1F9E



738000



0093D8

# Complementary

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



DE1F9E



1FDE5F

# 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.



00959A



DE1F9E



008D00

# Square

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



DE1F9E



AE6900



009352



008BFE

# Rectangle

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



DE1F9E



E3342E



009352



0095C5



# Sweetspot

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



DE1F9E



FFBDE9



5F1FDE



805872



000000



808080



# Same Dimension

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



DE1F9E



FF00AA



DE1F3F



70656C



B00075



300020



# Inverse Universe

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



DE1F9E



FF00AA



1FDEBE



70656C



B00075



300020



# Previews

## White Background



This preview shows how the Hex color DE1F9E looks on a white background.

## Color Contrast Check

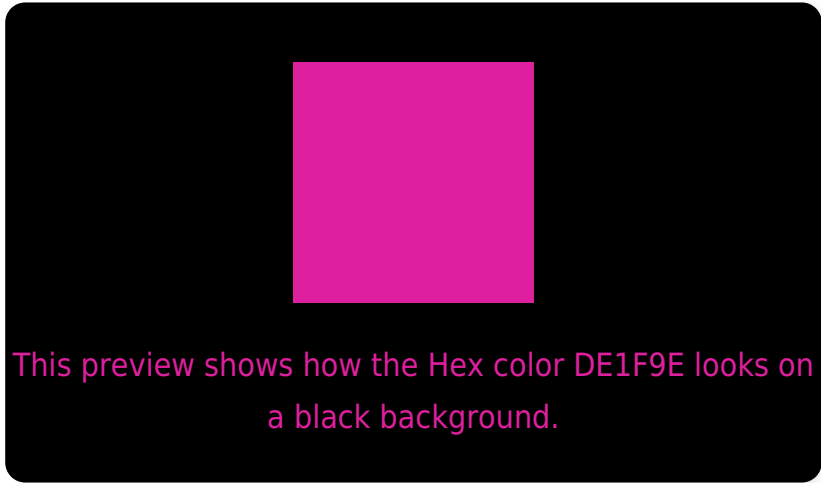
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE1F9E Background



This preview shows how black text looks on a background with the Hex color DE1F9E.

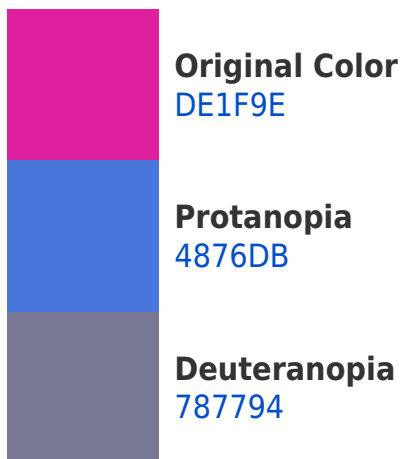


This preview shows how white text looks on a background with the Hex color DE1F9E.

# 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**  
DE1F9E



**Protanomaly**  
7F56C5



**Deuteranomaly**  
9D5798



**Tritanomaly**  
DA3667

# Monochromacy



**Original Color**  
DE1F9E



**Achromatopsia**  
676767



**Achromatomaly**  
924D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE1F9E 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 #DE1F9E looks like.

```
.text, #text, p{  
    color:#DE1F9E  
}
```

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 #DE1F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE1F9E
}
```

## Border

The CSS property to change the border of an element to Hex DE1F9E 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
#DE1F9E }
```

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

```
.border{ border-color:#DE1F9E }
```

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

Here you see how a box with a 4 pixel #DE1F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE1F9E; -webkit-box-shadow:4px 4px  
4px 4px #DE1F9E; box-shadow:4px 4px 4px  
4px #DE1F9E }
```

# Background

The CSS property to change the background color of an element to Hex DE1F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE1F9E }
```

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

```
.background{ background-color:#DE1F9E }
```

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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