

# Converting Colors

Hex(D91CD9)

Have a look what the booklet for  
Hex(D91CD9) contains.

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# Color

**Hex(D91CD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D91CD9
RGB	217, 28, 217
RGB Percent	85%, 11%, 85%
CMY	0.1490, 0.8902, 0.1490
CMYK	0.00, 0.87, 0.00, 0.15
HSL	300°, 77%, 48%
HSV	300°, 87%, 85%
XYZ	41.5549, 20.5920, 67.4301
YIQ	106.0570, 51.9750, 98.8470

# Conversions

## Conversions Part 2

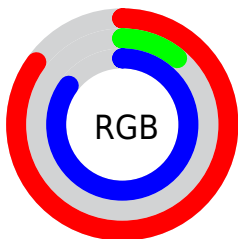
Format	Color
<a href="#">RYB</a>	<a href="#">217, 28, 217</a>
Decimal	<a href="#">14228697</a>
CIELab	<a href="#">52.50, 84.23, -52.37</a>
CIElCh	<a href="#">53, 99.184, 328.128</a>
Yxy	<a href="#">20.5920, 0.3207, 0.1589</a>
Android (android.graphics.Color)	<a href="#">4292418777 (0xFFD91CD9)</a>
YUV	<a href="#">106.0570, 54.6949, 97.2970</a>
Hunter-Lab	<a href="#">45.3784, 84.0479, -56.3372</a>

# Details

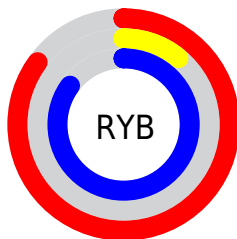
The Hex color **D91CD9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **1CD91C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF68FF**, and **9D00A1** is the 20% darker color. If you saturate the color by 10%, you get **D906D9**, and if you desaturate by 10%, it is **D932D9**.

# Distribution



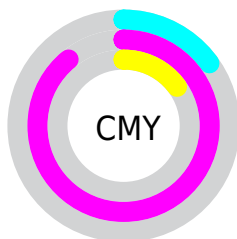
- Red (85%)
- Green (11%)
- Blue (85%)



- Red (85%)
- Yellow (11%)
- Blue (85%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (89%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D91CD9 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 D91CD9 by changing the saturation by 10% instead.



 D91CD9

 D91CD9

FFFFFF

 BB00BD

 FF68FF

 9D00A1

 FF86FF

 800086

 FFA5FF

 63006C

 FFC3FF

 470053

 FFE1FF

 2A003B

 000024

 00000C

 000000

 D91CD9

 D91CD9

 D906D9

 D932D9

 D900D9

 D947D9

 D95DD9

 D973D9

 D988D9

 D99ED9

 D9B4D9

 D9CAD9

 D9DFD9

# Harmonies

## Analogous

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



5069FF



D91CD9



FF0087

# Triad

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



D91CD9



9D7900



009FCC

# Complementary

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



D91CD9



1CD91C

# 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.



009D75



D91CD9



468F00

# Square

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



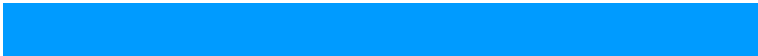
D91CD9



DC4E00



009909



009BFF

# Rectangle

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



D91CD9



FF004F



009909



009FB1



# Sweetspot

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



D91CD9



FFBDF5



1C1CD9



805880



000000



808080



# Same Dimension

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



D91CD9



FF00FF



D91C7A



6E636E



AD00AD



2E002E



# Inverse Universe

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



D91CD9



FF00FF



1CD97A



6E636E



AD00AD



2E002E



# Previews

## White Background



This preview shows how the Hex color D91CD9 looks on a white background.

## Color Contrast Check

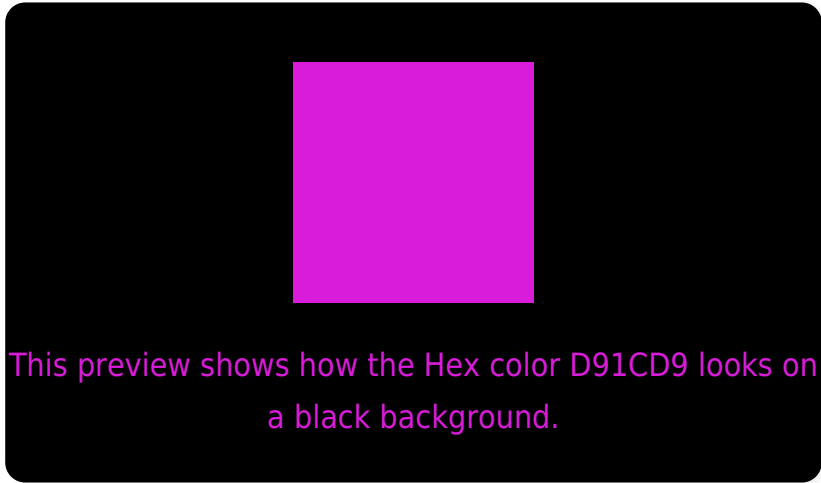
Large Text (above 18pt) WCAG AA ✓ Pass

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

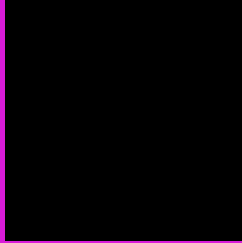
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D91CD9 Background



This preview shows how black text looks on a background with the Hex color D91CD9.

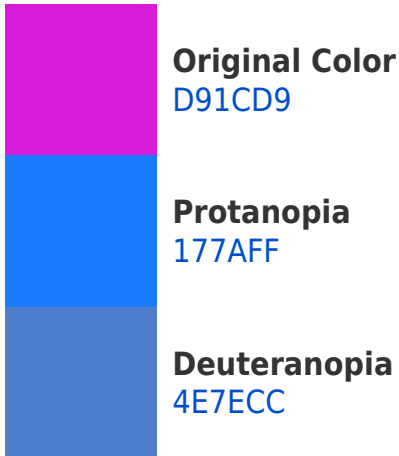


This preview shows how white text looks on a background with the Hex color D91CD9.

# Color Blindness Simulation

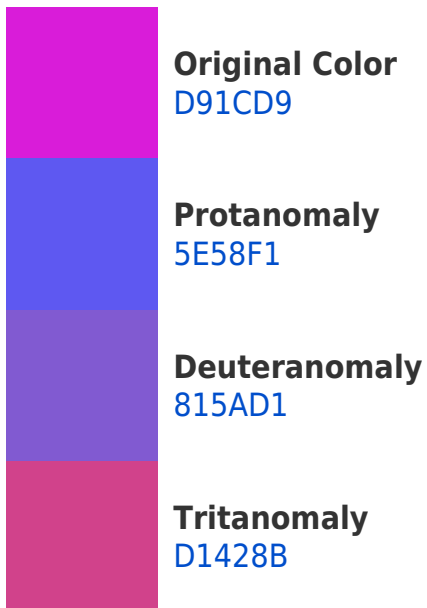
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

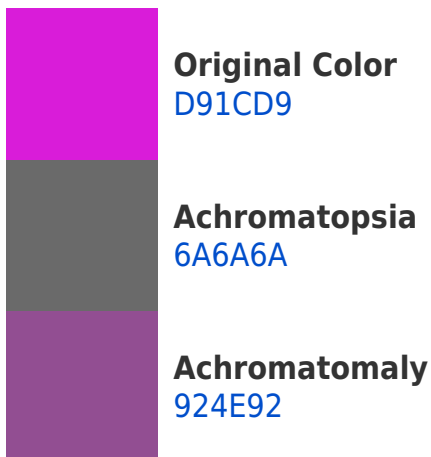




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D91CD9 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 #D91CD9 looks like.

```
.text, #text, p{  
    color:#D91CD9  
}
```

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 #D91CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D91CD9
}
```

## Border

The CSS property to change the border of an element to Hex D91CD9 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
#D91CD9 }
```

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

```
.border{ border-color:#D91CD9 }
```

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

Here you see how a box with a 4 pixel #D91CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D91CD9; -webkit-box-shadow:4px 4px  
4px 4px #D91CD9; box-shadow:4px 4px 4px  
4px #D91CD9 }
```

# Background

The CSS property to change the background color of an element to Hex D91CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D91CD9 }
```

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

```
.background{ background-color:#D91CD9 }
```

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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