

# Converting Colors

Hex(D29EF3)

Have a look what the booklet for  
Hex(D29EF3) contains.

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# **Color**

**Hex(D29EF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D29EF3
RGB	210, 158, 243
RGB Percent	82%, 62%, 95%
CMY	0.1765, 0.3804, 0.0471
CMYK	0.14, 0.35, 0.00, 0.05
HSL	277°, 78%, 79%
HSV	277°, 35%, 95%
XYZ	54.9829, 44.6264, 90.5099
YIQ	183.2380, 3.7070, 37.4590

# Conversions

## Conversions Part 2

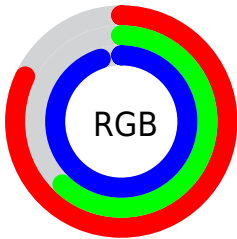
Format	Color
R <sub>YB</sub>	210, 158, 243
Decimal	13803251
CIE <sub>Lab</sub>	72.65, 34.52, -35.21
CIE <sub>LCh</sub>	73, 49.313, 314.431
Yxy	44.6264, 0.2892, 0.2347
Android (android.graphics.Color)	4291993331 (0xFFD29EF3)
YUV	183.2380, 29.4627, 23.4703
Hunter-Lab	66.8030, 30.0109, -33.5686

# Details

The Hex color **D29EF3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BFF39E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD5FF**, and **9A6ABB** is the 20% darker color. If you saturate the color by 10%, you get **C986F3**, and if you desaturate by 10%, it is **DBB6F3**.

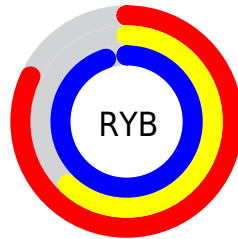
# Distribution



Red (82%)

Green (62%)

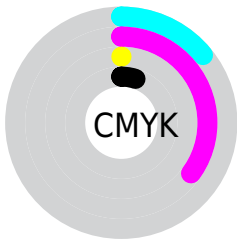
Blue (95%)



Red (82%)

Yellow (62%)

Blue (95%)

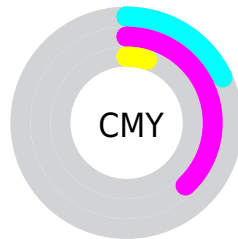


Cyan (14%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (18%)

Magenta (38%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D29EF3 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 D29EF3 by changing the saturation by 10% instead.



 D29EF3

FFFFFF

 FFD5FF

 FFF2FF

 D29EF3

 B683D6

 9A6ABB

 7F519F

 653985

 4C216B

 330953

 1D003B

 000025

 00010D

 D29EF3

 D29EF3

 C986F3

 DBB6F3

 BF6DF3

 E5CFF3

 B655F3

 EEE7F3

 AC3DF3

 F8FFF3

 A325F3

 FFFFF3

 990CF3

 9500F3

# Harmonies

## Analogous

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



90AFFF



D29EF3



FA90CC

# Triad

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



D29EF3



E2A75A



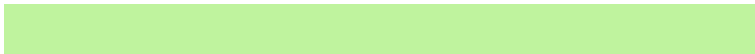
00C9C7

# Complementary

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



D29EF3



BFF39E

# 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.



41C898



D29EF3



B8B758

# Square

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



D29EF3



FE9775



86C270



00C6F0

# Rectangle

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



D29EF3



FF8DAD



86C270



00C9B8



# Sweetspot

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



D29EF3



F5E6FF



9EC0F3



7A7080



000000



808080



# Same Dimension

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



D29EF3



D594FF



F39EEB



766E7A



7200BA



24003B



# Inverse Universe

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



F39EBF



FF94BD



9EF3A6



7A6E73



BA0048

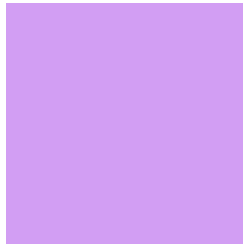


3B0017



# Previews

## White Background



This preview shows how the Hex color D29EF3 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



## 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 D29EF3 Background



This preview shows how black text looks on a background with the Hex color D29EF3.

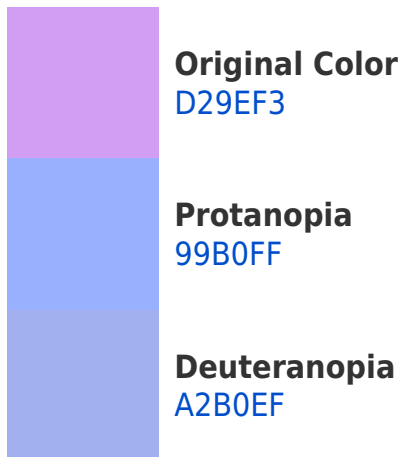


This preview shows how white text looks on a background with the Hex color D29EF3.

# 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**  
C9AAB7

# Trichromacy



**Original Color**  
D29EF3



**Protanomaly**  
AEA9FB



**Deuteranomaly**  
B3A9F0



**Tritanomaly**  
CCA6CD

# Monochromacy



**Original Color**  
D29EF3



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C1AECD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D29EF3 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 #D29EF3 looks like.

```
.text, #text, p{  
    color:#D29EF3  
}
```

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 #D29EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29EF3
}
```

## Border

The CSS property to change the border of an element to Hex D29EF3 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
#D29EF3 }
```

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

```
.border{ border-color:#D29EF3 }
```

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

Here you see how a box with a 4 pixel #D29EF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29EF3; -webkit-box-shadow:4px 4px  
4px 4px #D29EF3; box-shadow:4px 4px 4px  
4px #D29EF3 }
```

# Background

The CSS property to change the background color of an element to Hex D29EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29EF3 }
```

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

```
.background{ background-color:#D29EF3 }
```

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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