

# Converting Colors

Hex(D292EB)

Have a look what the booklet for  
Hex(D292EB) contains.

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# **Color**

**Hex(D292EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D292EB
RGB	210, 146, 235
RGB Percent	82%, 57%, 92%
CMY	0.1765, 0.4275, 0.0784
CMYK	0.11, 0.38, 0.00, 0.08
HSL	283°, 69%, 75%
HSV	283°, 38%, 92%
XYZ	51.8526, 40.2576, 83.6348
YIQ	175.2820, 9.5750, 41.2470

# Conversions

## Conversions Part 2

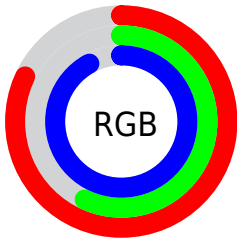
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 146, 235</a>
Decimal	<a href="#">13800171</a>
CIELab	<a href="#">69.65, 39.36, -35.49</a>
CIElCh	<a href="#">70, 52.995, 317.962</a>
Yxy	<a href="#">40.2576, 0.2950, 0.2291</a>
Android (android.graphics.Color)	<a href="#">4291990251 (0xFFD292EB)</a>
YUV	<a href="#">175.2820, 29.4410, 30.4477</a>
Hunter-Lab	<a href="#">63.4488, 34.8410, -33.7387</a>

# Details

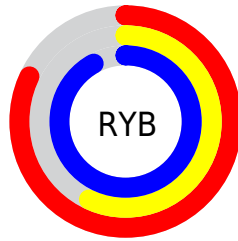
The Hex color **D292EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABEB92**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC9FF**, and **9A5EB3** is the 20% darker color. If you saturate the color by 10%, you get **CB7AEB**, and if you desaturate by 10%, it is **D9AAEB**.

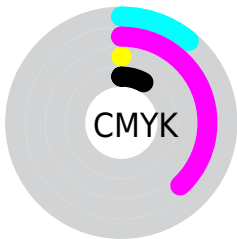
# Distribution



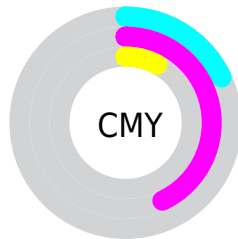
- Red (82%)
- Green (57%)
- Blue (92%)



- Red (82%)
- Yellow (57%)
- Blue (92%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (43%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D292EB 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 D292EB by changing the saturation by 10% instead.



 D292EB

 D292EB

FFFFFF

 B678CF

 FFC9FF

 9A5EB3

 FFE5FF

 7F4598

 652D7E

 4B1364

 32004C

 1F0035

 00021E

 000001

 D292EB

 D292EB

 CB7AEB

 D9AAEB

 C563EB

 DFC1EB

 BE4BEB

 E6D8EB

 B834EB

 ECF0EB

 B11DEB

 F3FFEB

 AA05EB

 FAFFEB

 A900EB

 FFFFEB

# Harmonies

## Analogous

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



8DA5FF



D292EB



F983C0

# Triad

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



D292EB



D7A14A



00C2C6

# Complementary

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



D292EB



ABEB92

# 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.



00C194



D292EB



AAB04A

# Square

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



D292EB



F78F64



72BB67



00BFF0

# Rectangle

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



D292EB



FF819F



72BB67



00C2B6



# Sweetspot

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



D292EB



F7E3FF



92ABEB



7B6F80



000000



808080



# Same Dimension

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



D292EB



DF8CFF



EB92D8



726A75



8200B5



270036



# Inverse Universe

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



EB92AB



FF8CAC



92EBA5



756A6D



B50033

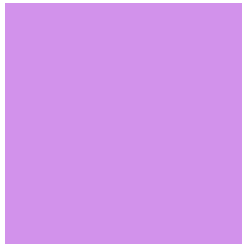


36000F



# Previews

## White Background



This preview shows how the Hex color D292EB looks on a white background.

## Color Contrast Check

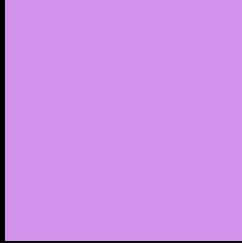
Large Text (above 18pt) WCAG AA × Fail

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 D292EB 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 D292EB Background



This preview shows how black text looks on a background with the Hex color D292EB.

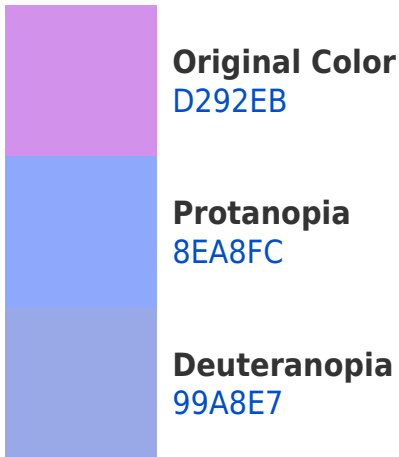


This preview shows how white text looks on a background with the Hex color D292EB.

# 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**  
D292EB



**Protanomaly**  
A7A0F6



**Deuteranomaly**  
AEA0E8



**Tritanomaly**  
CC9AC3

# Monochromacy



**Original Color**  
D292EB



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
BCA4C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D292EB 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 #D292EB looks like.

```
.text, #text, p{  
    color:#D292EB  
}
```

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 #D292EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D292EB
}
```

## Border

The CSS property to change the border of an element to Hex D292EB 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
#D292EB }
```

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

```
.border{ border-color:#D292EB }
```

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

Here you see how a box with a 4 pixel #D292EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D292EB; -webkit-box-shadow:4px 4px  
4px 4px #D292EB; box-shadow:4px 4px 4px  
4px #D292EB }
```

# Background

The CSS property to change the background color of an element to Hex D292EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D292EB }
```

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

```
.background{ background-color:#D292EB }
```

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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