

# Converting Colors

Hex(D292F5)

Have a look what the booklet for  
Hex(D292F5) contains.

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# Color

**Hex(D292F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D292F5
RGB	210, 146, 245
RGB Percent	82%, 57%, 96%
CMY	0.1765, 0.4275, 0.0392
CMYK	0.14, 0.40, 0.00, 0.04
HSL	279°, 83%, 77%
HSV	279°, 40%, 96%
XYZ	53.3387, 40.8520, 91.4602
YIQ	176.4220, 6.3650, 44.3570

# Conversions

## Conversions Part 2

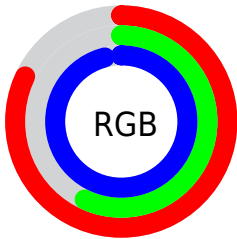
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 146, 245
Decimal	13800181
CIE <sub>Lab</sub>	70.07, 41.42, -40.31
CIE <sub>LCh</sub>	70, 57.793, 315.779
Yxy	40.8520, 0.2873, 0.2200
Android (android.graphics.Color)	4291990261 (0xFFD292F5)
YUV	176.4220, 33.8090, 29.4479
Hunter-Lab	63.9156, 37.1092, -40.1003

# Details

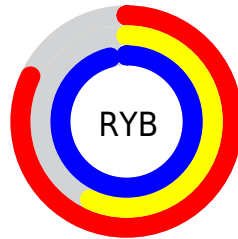
The Hex color **D292F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B5F592**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC9FF**, and **9A5EBC** is the 20% darker color. If you saturate the color by 10%, you get **C97AF5**, and if you desaturate by 10%, it is **DBABF5**.

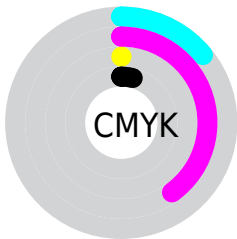
# Distribution



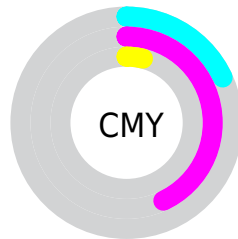
- Red (82%)
- Green (57%)
- Blue (96%)



- Red (82%)
- Yellow (57%)
- Blue (96%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (43%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D292F5 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 D292F5 by changing the saturation by 10% instead.



 D292F5

 D292F5

FFFFFF

 B678D8

 FFC9FF

 9A5EBC

 FFE5FF

 7F45A1

 642C86

 4A126D

 300054

 1C003C

 000225

 00010E

 D292F5

 D292F5

 C97AF5

 DBABF5

 C161F5

 E3C3F5

 B848F5

 ECDCF5

 AF30F5

 F5F4F5

 A717F5

 FDFFF5

 9E00F5

 FFFFF5

# Harmonies

## Analogous

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



81A7FF



D292F5



FF80C7

# Triad

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



D292F5



DEA042



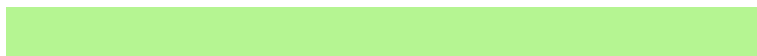
00C5C6

# Complementary

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



D292F5



B5F592

# 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.



00C490



D292F5



AEB140

# Square

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



D292F5



FF8C62



72BD5F



00C2F5

# Rectangle

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



D292F5



FF7CA3



72BD5F



00C5B4



# Sweetspot

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



D292F5



F4E0FF



92B6F5



796E80



000000



808080



# Same Dimension

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



D292F5



D485FF



F592E8



766E7A



7800BA



26003B



# Inverse Universe

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



F592B5



FF85B0



92F59F



7A6E72



BA0042

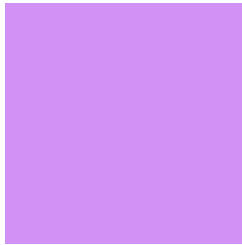


3B0015



# Previews

## White Background



This preview shows how the Hex color D292F5 looks on a white background.

## Color Contrast Check

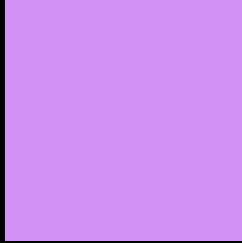
Large Text (above 18pt) WCAG AA × Fail

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 D292F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

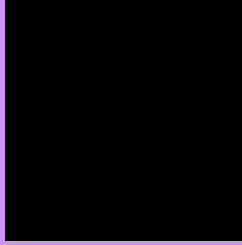
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D292F5 Background



This preview shows how black text looks on a background with the Hex color D292F5.

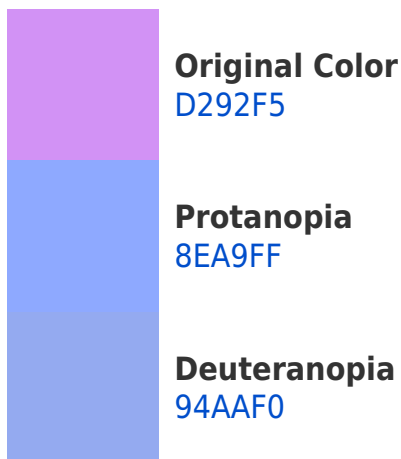


This preview shows how white text looks on a background with the Hex color D292F5.

# 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**  
C7A1AE

# Trichromacy



**Original Color**  
D292F5



**Protanomaly**  
A7A1FB



**Deuteranomaly**  
ABA1F2



**Tritanomaly**  
CB9CC8

# Monochromacy



**Original Color**  
D292F5



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
BCA5C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D292F5 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 #D292F5 looks like.

```
.text, #text, p{  
    color:#D292F5  
}
```

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 #D292F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D292F5
}
```

## Border

The CSS property to change the border of an element to Hex D292F5 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
#D292F5 }
```

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

```
.border{ border-color:#D292F5 }
```

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

Here you see how a box with a 4 pixel #D292F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D292F5; -webkit-box-shadow:4px 4px  
4px 4px #D292F5; box-shadow:4px 4px 4px  
4px #D292F5 }
```

# Background

The CSS property to change the background color of an element to Hex D292F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D292F5 }
```

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

```
.background{ background-color:#D292F5 }
```

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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