

# Converting Colors

Hex(DF72F2)

Have a look what the booklet for  
Hex(DF72F2) contains.

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# Color

Hex(**DF72F2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF72F2
RGB	223, 114, 242
RGB Percent	87%, 45%, 95%
CMY	0.1255, 0.5529, 0.0510
CMYK	0.08, 0.53, 0.00, 0.05
HSL	291°, 83%, 70%
HSV	291°, 53%, 95%
XYZ	52.4758, 34.1334, 87.8270
YIQ	161.1830, 23.8760, 62.9160

# Conversions

## Conversions Part 2

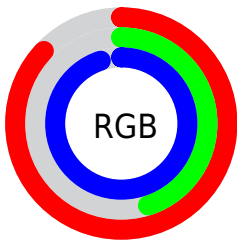
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 114, 242
Decimal	14643954
CIE <sub>Lab</sub>	65.07, 60.75, -46.40
CIE <sub>LCh</sub>	65, 76.443, 322.627
Y <sub>xy</sub>	34.1334, 0.3008, 0.1957
Android (android.graphics.Color)	4292834034 (0xFFDF72F2)
Y <sub>UV</sub>	161.1830, 39.8428, 54.2135
Hunter-Lab	58.4238, 58.0855, -48.2325

# Details

The Hex color **DF72F2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **85F272**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFAAFF**, and **A53AB9** is the 20% darker color. If you saturate the color by 10%, you get **DB5AF2**, and if you desaturate by 10%, it is **E38AF2**.

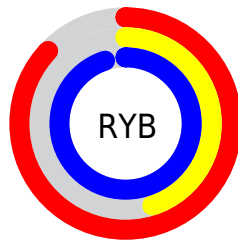
# Distribution



Red (87%)

Green (45%)

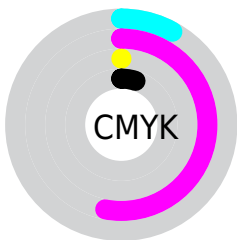
Blue (95%)



Red (87%)

Yellow (45%)

Blue (95%)

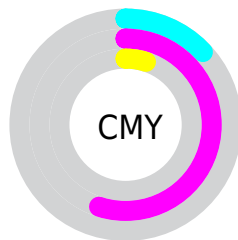


Cyan (8%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (55%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF72F2 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 DF72F2 by changing the saturation by 10% instead.



 DF72F2

 DF72F2

FFFFFF

 C257D5

 FFAAFF

 A53AB9

 FFC6FF

 891A9E

 FFE3FF

 6D0083

 52006A

 370051

 1D0039

 000222

 000008

 DF72F2

 DF72F2

 DB5AF2

 E38AF2

 D842F2

 E6A2F2

 D429F2

 EABBF2

 D111F2

 EDD3F2

 CE00F2

 F1EBF2

 F5FFF2

 F8FFF2

 FCFFF2

 FFFFF2

# Harmonies

## Analogous

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



7793FF



DF72F2



FF56B2

# Triad

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



DF72F2



CB9500



00BDD1

# Complementary

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



DF72F2



85F272

# 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.



00BC8A



DF72F2



8CAA00

# Square

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



DF72F2



FC772E



1EB644



00B8FF

# Rectangle

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



DF72F2



FF5484



1EB644



00BDBA



# Sweetspot

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



DF72F2



F9D6FF



7285F2



7C6780



000000



808080



# Same Dimension

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



DF72F2



E75EFF



F272C5



766C78



9C00B8



300038



# Inverse Universe

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



F27285



FF5E76



72F29F



786C6E



B8001B

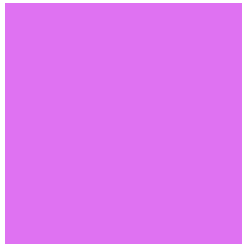


380008



# Previews

## White Background



This preview shows how the Hex color DF72F2 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

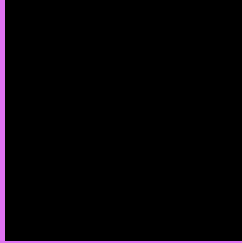
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DF72F2 Background



This preview shows how black text looks on a background with the Hex color DF72F2.

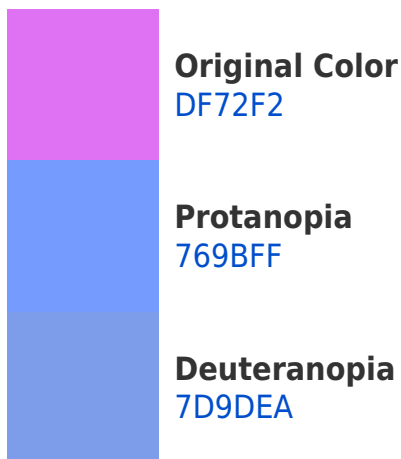



This preview shows how white text looks on a background with the Hex color DF72F2.

# 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**  
D28A94

# Trichromacy



**Original Color**  
DF72F2



**Protanomaly**  
9C8CFA



**Deuteranomaly**  
A18DED



**Tritanomaly**  
D781B6

# Monochromacy



**Original Color**  
DF72F2



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
B890BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF72F2 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 #DF72F2 looks like.

```
.text, #text, p{  
    color:#DF72F2  
}
```

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 #DF72F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF72F2
}
```

## Border

The CSS property to change the border of an element to Hex DF72F2 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
#DF72F2 }
```

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

```
.border{ border-color:#DF72F2 }
```

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

Here you see how a box with a 4 pixel #DF72F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF72F2; -webkit-box-shadow:4px 4px  
4px 4px #DF72F2; box-shadow:4px 4px 4px  
4px #DF72F2 }
```

# Background

The CSS property to change the background color of an element to Hex DF72F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF72F2 }
```

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

```
.background{ background-color:#DF72F2 }
```

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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