

Converting Colors

Hex(DF72DE)

Have a look what the booklet for
Hex(DF72DE) contains.

Hex(DF72DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**DF72DE**)

Conversions

Conversions Part 1

Format	Color
Hex	DF72DE
RGB	223, 114, 222
RGB Percent	87%, 45%, 87%
CMY	0.1255, 0.5529, 0.1294
CMYK	0.00, 0.49, 0.00, 0.13
HSL	301°, 63%, 66%
HSV	301°, 49%, 87%
XYZ	49.6336, 32.9965, 72.8602
YIQ	158.9030, 30.2960, 56.6960

Conversions

Conversions Part 2

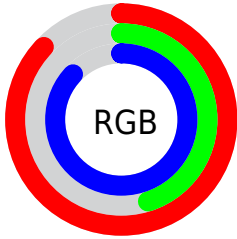
Format	Color
R _{YB}	223, 114, 222
Decimal	14643934
CIE _{Lab}	64.16, 57.13, -36.73
CIE _{LCh}	64, 67.918, 327.262
Yxy	32.9965, 0.3192, 0.2122
Android (android.graphics.Color)	4292834014 (0xFFDF72DE)
YUV	158.9030, 31.1068, 56.2131
Hunter-Lab	57.4426, 53.7092, -34.9936

Details

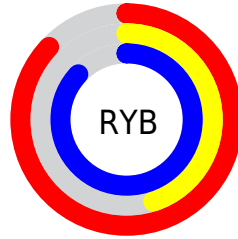
The Hex color **DF72DE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **72DF73**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA9FF**, and **A53BA6** is the 20% darker color. If you saturate the color by 10%, you get **DF5CDE**, and if you desaturate by 10%, it is **DF88DE**.

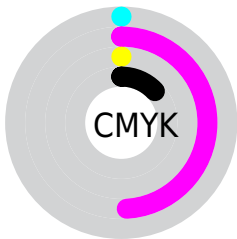
Distribution



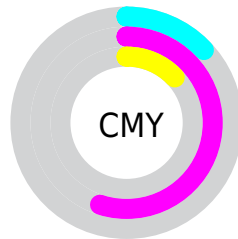
- Red (87%)
- Green (45%)
- Blue (87%)



- Red (87%)
- Yellow (45%)
- Blue (87%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF72DE 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 DF72DE by changing the saturation by 10% instead.

 DF72DE

 DF72DE

FFFFFF

 C257C2

 FFA9FF

 A53BA6

 FFC6FF

 891C8C

 FFE3FF

 6E0072

 530059

 3A0041

 20002A

 000114

 000000

 DF72DE

 DF72DE

 DF5CDE

 DF88DE

 DF45DE

 DF9FDE

 DF2FDD

 DFB5DF

 DF19DD

 DFCBDF

 DF03DD

 DFE2DF

 DF00DD

 DFF8DF

 DFFFDF

 DFFFEO

Harmonies

Analogous

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



908EFF



DF72DE



FF5FA4

Triad

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



DF72DE



BE9703



00B7D1

Complementary

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



DF72DE



72DF73

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.



00B794



DF72DE



83A81F

Square

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



DF72DE



EB7F33



1EB356



00B2FF

Rectangle

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



DF72DE



FF617B



1EB356



00B8BE

Sweetspot

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



DF72DE



FFD9FF



7272DF



80697F



000000



808080

Same Dimension

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



DF72DE



FF69FE



DF72A9



706570



B000AE



300030

Inverse Universe

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



DF72DE



FF69FE



72DFA9



706570



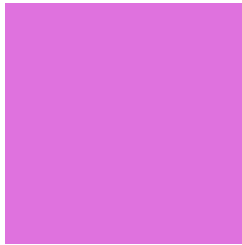
B000AE



300030

Previews

White Background



This preview shows how the Hex color DF72DE 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 DF72DE Background



This preview shows how black text looks on a background with the Hex color DF72DE.




This preview shows how white text looks on a background with the Hex color DF72DE.

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
D5858F

Trichromacy



Original Color
DF72DE



Protanomaly
9A8BF2



Deuteranomaly
A88BDA



Tritanomaly
D97EAC

Monochromacy



Original Color
DF72DE



Achromatopsia
9F9F9F



Achromatomaly
B68FB6

CSS Examples

Text

The CSS property to change the color of the text to Hex DF72DE 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 #DF72DE looks like.

```
.text, #text, p{  
    color:#DF72DE  
}
```

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 #DF72DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF72DE
}
```

Border

The CSS property to change the border of an element to Hex DF72DE 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
#DF72DE }
```

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

```
.border{ border-color:#DF72DE }
```

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

Here you see how a box with a 4 pixel #DF72DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF72DE; -webkit-box-shadow:4px 4px  
4px 4px #DF72DE; box-shadow:4px 4px 4px  
4px #DF72DE }
```

Background

The CSS property to change the background color of an element to Hex DF72DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF72DE }
```

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

```
.background{ background-color:#DF72DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor