

Converting Colors

Hex(D78DF4)

Have a look what the booklet for
Hex(D78DF4) contains.

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Color

Hex(D78DF4)

Conversions

Conversions Part 1

Format	Color
Hex	D78DF4
RGB	215, 141, 244
RGB Percent	84%, 55%, 96%
CMY	0.1569, 0.4471, 0.0431
CMYK	0.12, 0.42, 0.00, 0.04
HSL	283°, 82%, 75%
HSV	283°, 42%, 96%
XYZ	53.8783, 40.0285, 90.4745
YIQ	174.8680, 11.0410, 47.7210

Conversions

Conversions Part 2

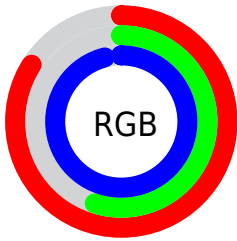
Format	Color
R _Y B	215, 141, 244
Decimal	14126580
CIE Lab	69.49, 45.31, -40.63
CIE LCh	69, 60.862, 318.119
Yxy	40.0285, 0.2922, 0.2171
Android (android.graphics.Color)	4292316660 (0xFFD78DF4)
YUV	174.8680, 34.0821, 35.1958
Hunter-Lab	63.2681, 41.2894, -40.4982

Details

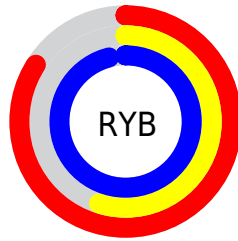
The Hex color **D78DF4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AAF48D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC4FF**, and **9E59BB** is the 20% darker color. If you saturate the color by 10%, you get **D075F4**, and if you desaturate by 10%, it is **DEA5F4**.

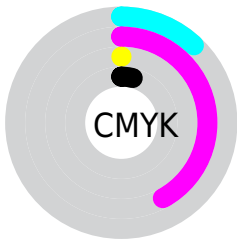
Distribution



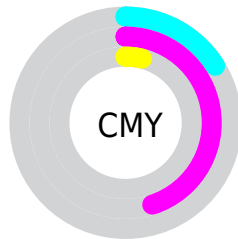
- Red (84%)
- Green (55%)
- Blue (96%)



- Red (84%)
- Yellow (55%)
- Blue (96%)



- Cyan (12%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78DF4 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 D78DF4 by changing the saturation by 10% instead.

 D78DF4

 D78DF4

FFFFFF

 BA72D7

 FFC4FF

 9E59BB

 FFE0FF

 833FA0

 FFFDFD

 682685

 4E076C

 340053

 1F003C

 000225

 00010D

 D78DF4

 D78DF4

 D075F4

 DEA5F4

 C95CF4

 E5BEF4

 C244F4

 ECD6F4

 BC2BF4

 F2EFF4

 B513F4

 F9FFF4

 AF00F4

 FFFFF4

Harmonies

Analogous

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



84A4FF



D78DF4



FF7AC2

Triad

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



D78DF4



DA9F38



00C5CA

Complementary

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



D78DF4



AAF48D

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.



00C391



D78DF4



A7B138

Square

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



D78DF4



FF8A59



66BD5C



00C1FB

Rectangle

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



D78DF4



FF779D



66BD5C



00C5B8

Sweetspot

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



D78DF4



F6DEFF



8DAAF4



7A6B80



000000



808080

Same Dimension

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



D78DF4



DA7DFF



F48DDE



776E7A



8600BA



2A003B

Inverse Universe

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



F48DAA



FF7DA2



8DF4A3



7A6E72



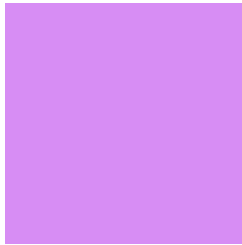
BA0034



3B0011

Previews

White Background



This preview shows how the Hex color D78DF4 looks on a white background.

Color Contrast Check

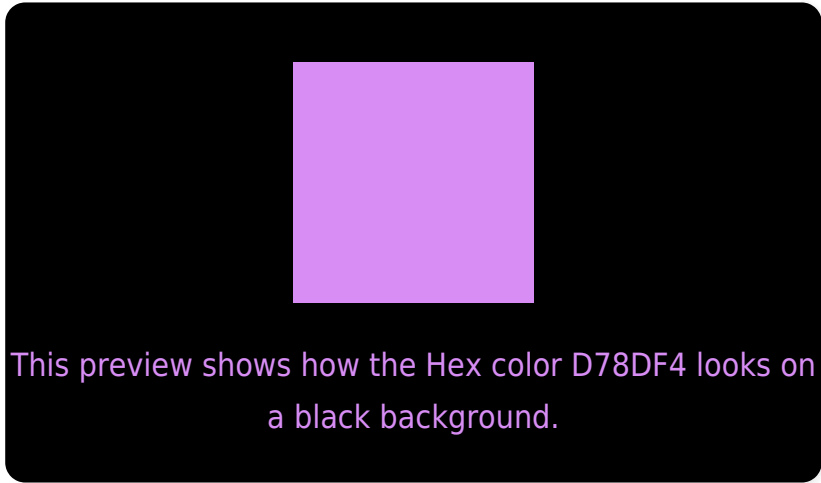
Large Text (above 18pt) WCAG AA × Fail

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 D78DF4 Background



This preview shows how black text looks on a background with the Hex color D78DF4.

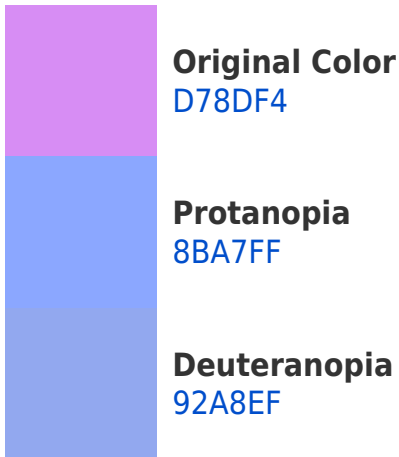


This preview shows how white text looks on a background with the Hex color D78DF4.

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
D78DF4



Protanomaly
A79EFB



Deuteranomaly
AB9EF1



Tritanomaly
D097C5

Monochromacy



Original Color
D78DF4



Achromatopsia
AFAFAF



Achromatomaly
BEA3C8

CSS Examples

Text

The CSS property to change the color of the text to Hex D78DF4 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 #D78DF4 looks like.

```
.text, #text, p{  
    color:#D78DF4  
}
```

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 #D78DF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78DF4
}
```

Border

The CSS property to change the border of an element to Hex D78DF4 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
#D78DF4 }
```

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

```
.border{ border-color:#D78DF4 }
```

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

Here you see how a box with a 4 pixel #D78DF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78DF4; -webkit-box-shadow:4px 4px  
4px 4px #D78DF4; box-shadow:4px 4px 4px  
4px #D78DF4 }
```

Background

The CSS property to change the background color of an element to Hex D78DF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78DF4 }
```

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

```
.background{ background-color:#D78DF4 }
```

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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