

Converting Colors

Hex(D872D8)

Have a look what the booklet for
Hex(D872D8) contains.

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Color

Hex(D872D8)

Conversions

Conversions Part 1

Format	Color
Hex	D872D8
RGB	216, 114, 216
RGB Percent	85%, 45%, 85%
CMY	0.1529, 0.5529, 0.1529
CMYK	0.00, 0.47, 0.00, 0.15
HSL	300°, 57%, 65%
HSV	300°, 47%, 85%
XYZ	46.7309, 31.5914, 68.6005
YIQ	156.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

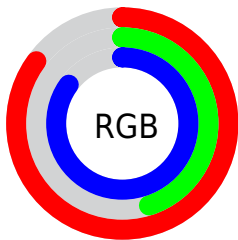
Format	Color
R _Y B	216, 114, 216
Decimal	14185176
CIE Lab	63.00, 54.10, -35.24
CIE LCh	63, 64.565, 326.918
Yxy	31.5914, 0.3181, 0.2150
Android (android.graphics.Color)	4292375256 (0xFFD872D8)
YUV	156.1260, 29.5179, 52.5095
Hunter-Lab	56.2062, 50.0472, -33.0199

Details

The Hex color **D872D8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **72D872**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA9FF**, and **9F3CA1** is the 20% darker color. If you saturate the color by 10%, you get **D85CD8**, and if you desaturate by 10%, it is **D888D8**.

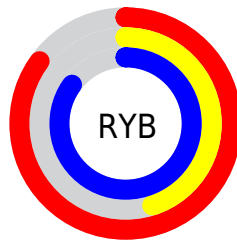
Distribution



Red (85%)

Green (45%)

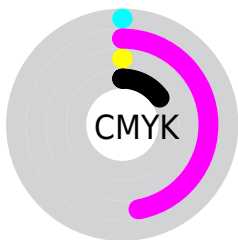
Blue (85%)



Red (85%)

Yellow (45%)

Blue (85%)

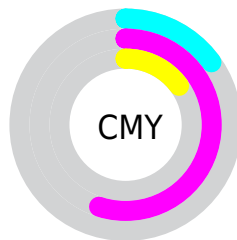


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D872D8 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 D872D8 by changing the saturation by 10% instead.

 D872D8

 D872D8

FFFFFF

 BB57BC

 FFA9FF

 9F3CA1

 FFC5FF

 831F86

 FFE2FF

 68006D

 4E0054

 35003C

 1A0026

 00010E

 000000

 D872D8

 D872D8

 D85CD8

 D888D8

 D847D8

 D89DD8

 D831D8

 D8B3D8

 D81CD8

 D8C8D8

 D806D8

 D8DED8

 D800D8

 D8F4D8

 D8FFD8

Harmonies

Analogous

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



8D8CFF



D872D8



FB61A1

Triad

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



D872D8



BA9412



00B3CB

Complementary

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



D872D8



72D872

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.



00B390



D872D8



82A425

Square

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



D872D8



E57D37



2AAE56



00AEF8

Rectangle

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



D872D8



FF627A



2AAE56



00B4B8

Sweetspot

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



D872D8



FFDBFF



7272D8



806A80



000000



808080

Same Dimension

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



D872D8



FF6EFF



D872A5



6B606B



AB00AB



2B002B

Inverse Universe

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



D872D8



FF6EFF



72D8A5



6B606B



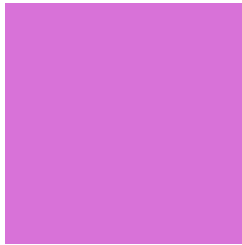
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color D872D8 looks on a white background.

Color Contrast Check

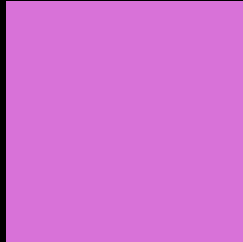
Large Text (above 18pt) WCAG AA × Fail

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 D872D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

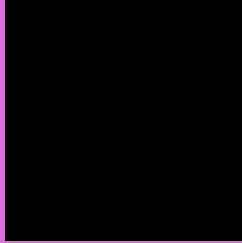
Any Text WCAG AA ✓ Pass

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 D872D8 Background



This preview shows how black text looks on a background with the Hex color D872D8.

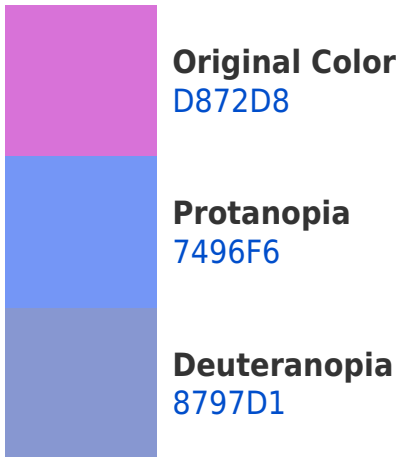


This preview shows how white text looks on a background with the Hex color D872D8.

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
CF838D

Trichromacy



Original Color
D872D8



Protanomaly
9889EB



Deuteranomaly
A48AD4

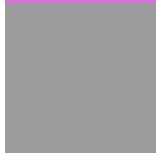


Tritanomaly
D27DA8

Monochromacy



Original Color
D872D8



Achromatopsia
9C9C9C



Achromatomaly
B28DB2

CSS Examples

Text

The CSS property to change the color of the text to Hex D872D8 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 #D872D8 looks like.

```
.text, #text, p{  
    color:#D872D8  
}
```

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 #D872D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D872D8
}
```

Border

The CSS property to change the border of an element to Hex D872D8 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
#D872D8 }
```

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

```
.border{ border-color:#D872D8 }
```

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

Here you see how a box with a 4 pixel #D872D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D872D8; -webkit-box-shadow:4px 4px  
4px 4px #D872D8; box-shadow:4px 4px 4px  
4px #D872D8 }
```

Background

The CSS property to change the background color of an element to Hex D872D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D872D8 }
```

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

```
.background{ background-color:#D872D8 }
```

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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