

Converting Colors

Hex(D980D2)

Have a look what the booklet for
Hex(D980D2) contains.

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Color

Hex(D980D2)

Conversions

Conversions Part 1

Format	Color
Hex	D980D2
RGB	217, 128, 210
RGB Percent	85%, 50%, 82%
CMY	0.1490, 0.4980, 0.1765
CMYK	0.00, 0.41, 0.03, 0.15
HSL	305°, 54%, 68%
HSV	305°, 41%, 85%
XYZ	47.9673, 34.8432, 65.1700
YIQ	163.9590, 26.7220, 44.3700

Conversions

Conversions Part 2

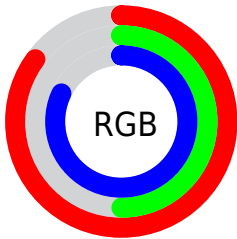
Format	Color
RYB	217, 128, 210
Decimal	14254290
CIELab	65.63, 46.24, -27.81
CIELCh	66, 53.964, 328.975
Yxy	34.8432, 0.3241, 0.2355
Android (android.graphics.Color)	4292444370 (0xFFD980D2)
YUV	163.9590, 22.6982, 46.5170
Hunter-Lab	59.0281, 41.7530, -24.1395

Details

The Hex color **D980D2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80D987**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB7FF**, and **A04C9B** is the 20% darker color. If you saturate the color by 10%, you get **D96AD0**, and if you desaturate by 10%, it is **D996D4**.

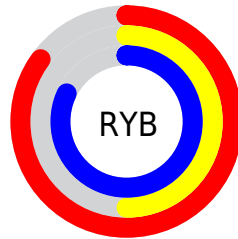
Distribution



Red (85%)

Green (50%)

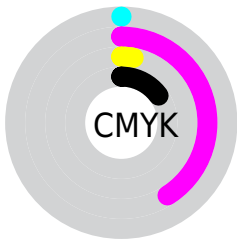
Blue (82%)



Red (85%)

Yellow (50%)

Blue (82%)

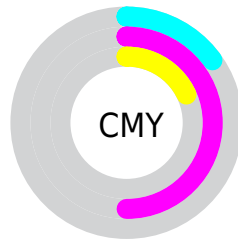


Cyan (0%)

Magenta (41%)

Yellow (3%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D980D2 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 D980D2 by changing the saturation by 10% instead.

 D980D2

 D980D2

FFFFFF

 BC66B6

 FFB7FF

 A04C9B

 FFD3FF

 853281

 FFF0FF

 6A1568

 50004F

 370038

 200022

 000007

 000000

 D980D2

 D980D2

 D96AD0

 D996D4

 D955CF

 D9ABD5

 D93FCD

 D9C1D7

 D929CB

 D9D7D9

 D913C9

 D9EDDB

 D900C8

 D9FFDC

 D9FFDE

 D9FFE0

 D9FFE1

Harmonies

Analogous

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



9F93F4



D980D2



F675A3

Triad

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



D980D2



BC9C39



00B7CD

Complementary

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



D980D2



80D987

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.



00B79C



D980D2



8BAA46

Square

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



D980D2



E18A4D



4BB36B



00B1F1

Rectangle

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



D980D2



F97683



4BB36B



00B7BD

Sweetspot

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



D980D2



FFE0FD



8680D9



806E7E



000000



808080

Same Dimension

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



D980D2



FF82F5



D980A7



6E636D



AD00A0



2E002A

Inverse Universe

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



D980D2



FF82F5



80D9B2



6E636D



AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color D980D2 looks on a white background.

Color Contrast Check

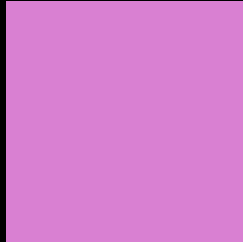
Large Text (above 18pt) WCAG AA × Fail

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 D980D2 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 D980D2 Background



This preview shows how black text looks on a background with the Hex color D980D2.

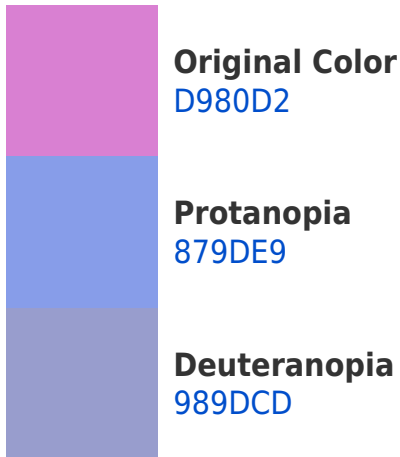


This preview shows how white text looks on a background with the Hex color D980D2.

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
D28D97

Trichromacy



Original Color
D980D2



Protanomaly
A592E1



Deuteranomaly
B092CF

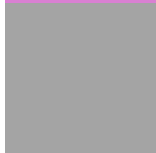


Tritanomaly
D588AC

Monochromacy



Original Color
D980D2



Achromatopsia
A4A4A4



Achromatomaly
B797B5

CSS Examples

Text

The CSS property to change the color of the text to Hex D980D2 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 #D980D2 looks like.

```
.text, #text, p{  
    color:#D980D2  
}
```

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 #D980D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D980D2
}
```

Border

The CSS property to change the border of an element to Hex D980D2 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
#D980D2 }
```

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

```
.border{ border-color:#D980D2 }
```

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

Here you see how a box with a 4 pixel #D980D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D980D2; -webkit-box-shadow:4px 4px  
4px 4px #D980D2; box-shadow:4px 4px 4px  
4px #D980D2 }
```

Background

The CSS property to change the background color of an element to Hex D980D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D980D2 }
```

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

```
.background{ background-color:#D980D2 }
```

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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