

Converting Colors

Hex(D078B8)

Have a look what the booklet for
Hex(D078B8) contains.

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Color

Hex(D078B8)

Conversions

Conversions Part 1

Format	Color
Hex	D078B8
RGB	208, 120, 184
RGB Percent	82%, 47%, 72%
CMY	0.1843, 0.5294, 0.2784
CMYK	0.00, 0.42, 0.12, 0.18
HSL	316°, 48%, 64%
HSV	316°, 42%, 82%
XYZ	41.3806, 30.3035, 49.0156
YIQ	153.6080, 31.9040, 38.5600

Conversions

Conversions Part 2

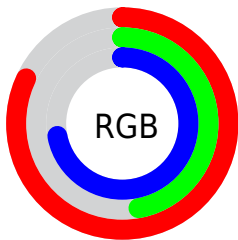
Format	Color
R _Y B	208, 120, 184
Decimal	13662392
CIE Lab	61.92, 43.12, -18.94
CIE LCh	62, 47.094, 336.280
Yxy	30.3035, 0.3428, 0.2511
Android (android.graphics.Color)	4291852472 (0xFFD078B8)
YUV	153.6080, 14.9833, 47.7018
Hunter-Lab	55.0486, 37.8451, -14.2580

Details

The Hex color **D078B8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78D090**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAEF0**, and **984483** is the 20% darker color. If you saturate the color by 10%, you get **D063B2**, and if you desaturate by 10%, it is **D08DBE**.

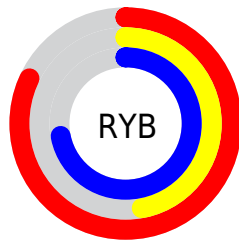
Distribution



Red (82%)

Green (47%)

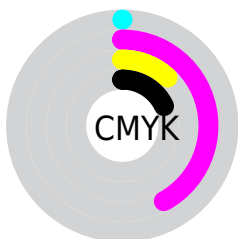
Blue (72%)



Red (82%)

Yellow (47%)

Blue (72%)

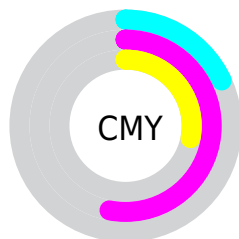


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color D078B8 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 D078B8 by changing the saturation by 10% instead.

 D078B8

 D078B8

FFFFFF

 B45E9D

 FFAEF0

 984483

 FFCAFF

 7D2A6A

 FFE7FF

 620D51

 48003A

 310025

 0F000C

 000000

 D078B8

 D078B8

 D063B2

 D08DBE

 D04EAD

 D0A2C3

 D03AA7

 D0B6C9

 D025A1

 D0CBCF

 D0109C

 D0E0D4

 D00097

 D0F5DA

 D0FFE0

 D0FFE5

 D0FFEB

Harmonies

Analogous

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



A487D9



D078B8



E3728E

Triad

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



D078B8



A6963F



00A9C6

Complementary

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



D078B8



78D090

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.



00AB9D



D078B8



7AA150

Square

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



D078B8



C98749



3EA872



00A3E1

Rectangle

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



D078B8



E37573



3EA872



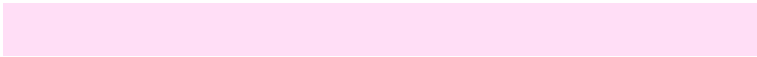
00AAB9

Sweetspot

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



D078B8



FFDEF6



8F78D0



806B7A



000000



808080

Same Dimension

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



D078B8



FF7DDC



D0788D



695E66



A8007A



29001E

Inverse Universe

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



D078B8



FF7DDC



78D0BB



695E66



A8007A



29001E

Previews

White Background



This preview shows how the Hex color D078B8 looks on a white background.

Color Contrast Check

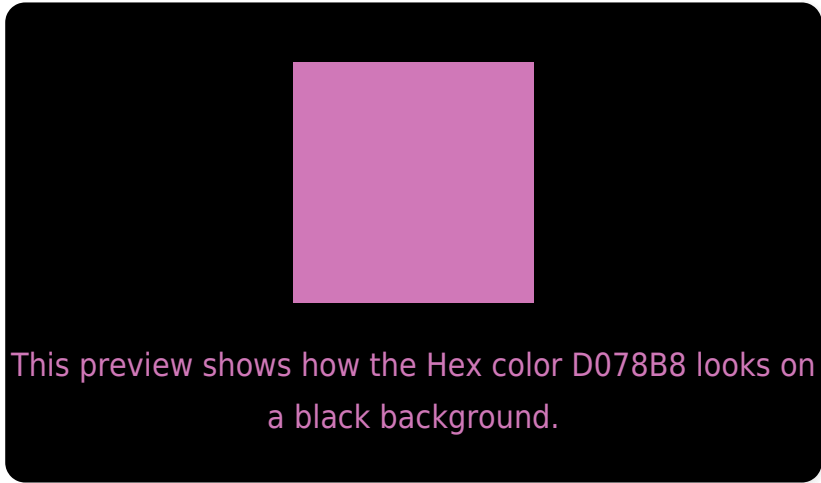
Large Text (above 18pt) WCAG AA × Fail

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 D078B8 Background



This preview shows how black text looks on a background with the Hex color D078B8.

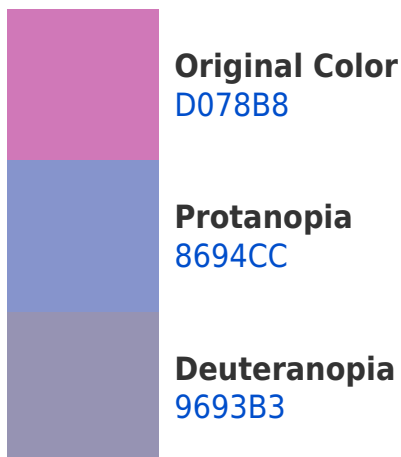



This preview shows how white text looks on a background with the Hex color D078B8.

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
CB818B

Trichromacy



Original Color
D078B8



Protanomaly
A18AC5



Deuteranomaly
AB89B5

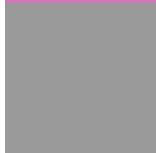


Tritanomaly
CD7E9B

Monochromacy



Original Color
D078B8



Achromatopsia
9A9A9A



Achromatomaly
AE8EA5

CSS Examples

Text

The CSS property to change the color of the text to Hex D078B8 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 #D078B8 looks like.

```
.text, #text, p{  
    color:#D078B8  
}
```

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 #D078B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D078B8
}
```

Border

The CSS property to change the border of an element to Hex D078B8 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
#D078B8 }
```

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

```
.border{ border-color:#D078B8 }
```

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

Here you see how a box with a 4 pixel #D078B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D078B8; -webkit-box-shadow:4px 4px  
4px 4px #D078B8; box-shadow:4px 4px 4px  
4px #D078B8 }
```

Background

The CSS property to change the background color of an element to Hex D078B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D078B8 }
```

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

```
.background{ background-color:#D078B8 }
```

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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