

# Converting Colors

Hex(D578A7)

Have a look what the booklet for  
Hex(D578A7) contains.

<b>Hex(D578A7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D578A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D578A7
RGB	213, 120, 167
RGB Percent	84%, 47%, 65%
CMY	0.1647, 0.5294, 0.3451
CMYK	0.00, 0.44, 0.22, 0.16
HSL	330°, 53%, 65%
HSV	330°, 44%, 84%
XYZ	41.1321, 30.3691, 40.2531
YIQ	153.1650, 40.3410, 34.3330

# Conversions

## Conversions Part 2

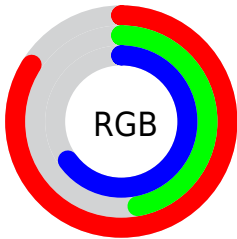
Format	Color
R <sub>Y</sub> B	213, 120, 167
Decimal	13990055
CIE Lab	61.97, 42.11, -9.11
CIE LCh	62, 43.087, 347.797
Yxy	30.3691, 0.3681, 0.2717
Android (android.graphics.Color)	4292180135 (0xFFD578A7)
YUV	153.1650, 6.8207, 52.4753
Hunter-Lab	55.1082, 36.7910, -4.7320

# Details

The Hex color **D578A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78D5A6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAEDE**, and **9C4473** is the 20% darker color. If you saturate the color by 10%, you get **D5639C**, and if you desaturate by 10%, it is **D58DB2**.

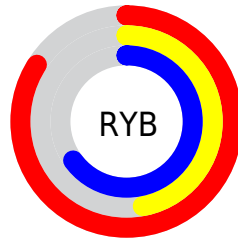
# Distribution



Red (84%)

Green (47%)

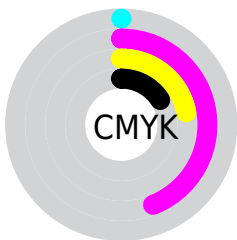
Blue (65%)



Red (84%)

Yellow (47%)

Blue (65%)

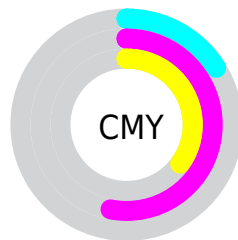


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (16%)



Cyan (16%)

Magenta (53%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D578A7 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 D578A7 by changing the saturation by 10% instead.



 D578A7

 D578A7

FFFFFF

 B85E8D

 FFAEDE

 9C4473

 FFCAFB

 812A5B

 FFE7FF

 660D43

 4C002D

 340019

 120000

 000000

 D578A7

 D578A7

 D5639C

 D58DB2

 D54D92

 D5A3BC

 D53887

 D5B8C7

 D5237D

 D5CDD1

 D50D72

 D5E3DC

 D5006C

 D5F8E6

 D5FFF1

 D5FFFB

 D5FFFF

# Harmonies

## Analogous

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



B683C9



D578A7



DE7780

# Triad

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



D578A7



979B4B



00A6CD

# Complementary

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



D578A7



78D5A6

# 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.



00A9AC



D578A7



6BA461

# Square

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



D578A7



BA8E4A



2CA884



289EE0

# Rectangle

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



D578A7



D97C69



2CA884



00A8C3



# Sweetspot

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



D578A7



FFDEEF



A578D5



806B75



000000



808080



# Same Dimension

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



D578A7



FF7ABD



D5787A



6B6066



AB0056



2B0016



# Inverse Universe

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



D578A7



FF7ABD



78D5D3



6B6066



AB0056



2B0016



# Previews

## White Background



This preview shows how the Hex color D578A7 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 D578A7 Background



This preview shows how black text looks on a background with the Hex color D578A7.



This preview shows how white text looks on a background with the Hex color D578A7.

# 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



**Original Color**  
D578A7

**Protanopia**  
8D95BA

**Deuteranopia**  
9F92A3



**Tritanopia**  
D27E87

# Trichromacy



**Original Color**  
D578A7



**Protanomaly**  
A78AB3



**Deuteranomaly**  
B389A4

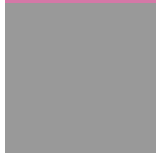


**Tritanomaly**  
D37C93

# Monochromacy



**Original Color**  
D578A7



**Achromatopsia**  
999999



**Achromatomaly**  
AF8D9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D578A7 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 #D578A7 looks like.

```
.text, #text, p{  
    color:#D578A7  
}
```

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 #D578A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D578A7
}
```

## Border

The CSS property to change the border of an element to Hex D578A7 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
#D578A7 }
```

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

```
.border{ border-color:#D578A7 }
```

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

Here you see how a box with a 4 pixel #D578A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D578A7; -webkit-box-shadow:4px 4px  
4px 4px #D578A7; box-shadow:4px 4px 4px  
4px #D578A7 }
```

# Background

The CSS property to change the background color of an element to Hex D578A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D578A7 }
```

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

```
.background{ background-color:#D578A7 }
```

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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