

# Converting Colors

Hex(D6818A)

Have a look what the booklet for  
Hex(D6818A) contains.

<b>Hex(D6818A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D6818A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6818A
RGB	214, 129, 138
RGB Percent	84%, 51%, 54%
CMY	0.1608, 0.4941, 0.4588
CMYK	0.00, 0.40, 0.36, 0.16
HSL	354°, 51%, 67%
HSV	354°, 40%, 84%
XYZ	40.1693, 31.8316, 28.0717
YIQ	155.4410, 47.7710, 20.8190

# Conversions

## Conversions Part 2

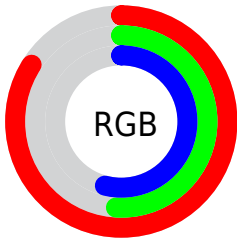
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 129, 138
Decimal	14057866
CIE <sub>Lab</sub>	63.20, 33.83, 9.27
CIE <sub>LCh</sub>	63, 35.074, 15.319
Yxy	31.8316, 0.4014, 0.3181
Android (android.graphics.Color)	4292247946 (0xFFD6818A)
YUV	155.4410, -8.5984, 51.3562
Hunter-Lab	56.4195, 28.3532, 9.9937

# Details

The Hex color **D6818A** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81D6CD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB7BF**, and **9D4E58** is the 20% darker color. If you saturate the color by 10%, you get **D66C77**, and if you desaturate by 10%, it is **D6969D**.

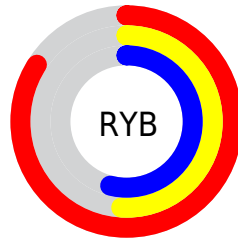
# Distribution



Red (84%)

Green (51%)

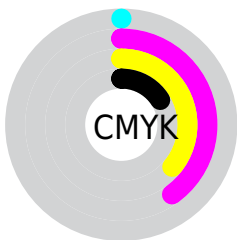
Blue (54%)



Red (84%)

Yellow (51%)

Blue (54%)

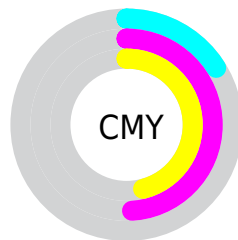


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (16%)



Cyan (16%)

Magenta (49%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6818A 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 D6818A by changing the saturation by 10% instead.



 D6818A

 D6818A

FFFFFF

 B96771

 FFB7BF

 9D4E58

 FFD3DB

 813541

 FFF0F8

 661D2B

 4B0117

 330000

 0C0000

 000000

 D6818A

 D6818A

 D66C77

 D6969D

 D65664

 D6ACB0

 D64151

 D6C1C3

 D62B3D

 D6D7D7

 D6162A

 D6ECEA

 D60117

 D6FFFD

 D60017

 D6FFFF

# Harmonies

## Analogous

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



CC82AA



D6818A



CF876E

# Triad

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



D6818A



7BA46C



50A1D5

# Complementary

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



D6818A



81D6CD

# 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.



16A7C4



D6818A



53A988

# Square

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



D6818A



9E9C5C



23AAA8



8697D5

# Rectangle

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



D6818A



C38E61



23AAA8



3DA3D1



# Sweetspot

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



D6818A



FFE0E4



CC81D6



806E70



000000



808080



# Same Dimension

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



D6818A



FF8592



D6A281



6B6062



AB0012



2B0005



# Inverse Universe

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



D6818A



FF8592



81B5D6



6B6062



AB0012



2B0005



# Previews

## White Background



This preview shows how the Hex color D6818A looks on a white background.

## Color Contrast Check

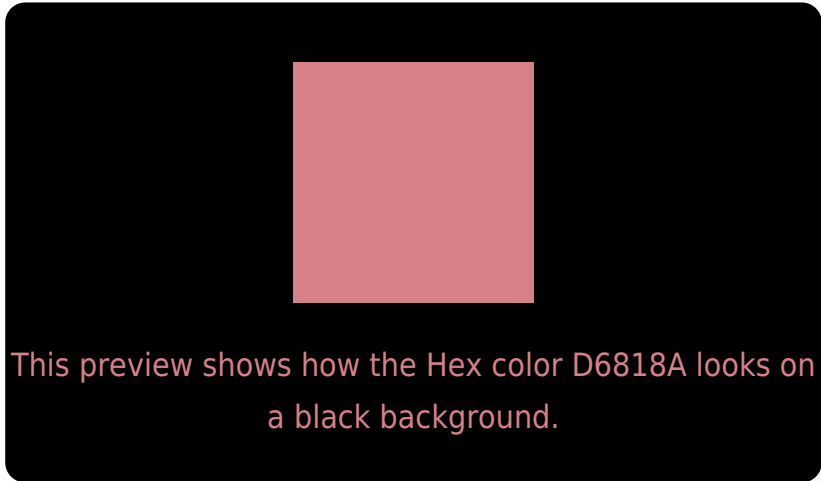
Large Text (above 18pt) WCAG AA × Fail

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 D6818A Background



This preview shows how black text looks on a background with the Hex color D6818A.




This preview shows how white text looks on a background with the Hex color D6818A.

# 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](#).

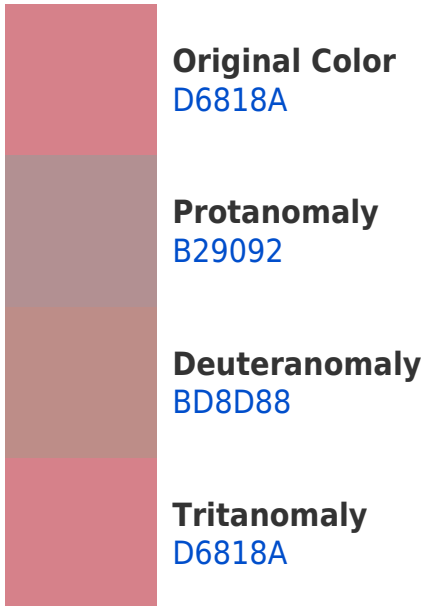
## Dichromacy



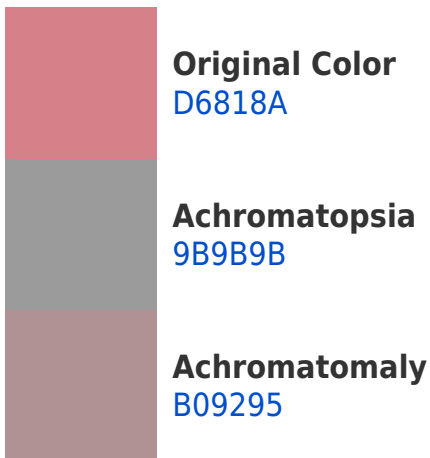


**Tritanopia**  
D6818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6818A 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 #D6818A looks like.

```
.text, #text, p{  
    color:#D6818A  
}
```

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 #D6818A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6818A
}
```

## Border

The CSS property to change the border of an element to Hex D6818A is called "border". The border property can be set on classes, ids or directly on the HTML element.

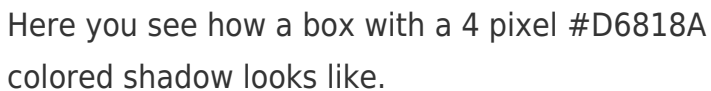
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D6818A }
```

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

```
.border{ border-color:#D6818A }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D6818A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6818A; -webkit-box-shadow:4px 4px  
4px 4px #D6818A; box-shadow:4px 4px 4px  
4px #D6818A }
```

# Background

The CSS property to change the background color of an element to Hex D6818A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6818A }
```

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

```
.background{ background-color:#D6818A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor