

# Converting Colors

Hex(D99196)

Have a look what the booklet for  
Hex(D99196) contains.

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**Color**

**Hex(D99196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D99196
RGB	217, 145, 150
RGB Percent	85%, 57%, 59%
CMY	0.1490, 0.4314, 0.4118
CMYK	0.00, 0.33, 0.31, 0.15
HSL	356°, 49%, 71%
HSV	356°, 33%, 85%
XYZ	44.2457, 37.2045, 33.7033
YIQ	167.0980, 41.3070, 16.8190

# Conversions

## Conversions Part 2

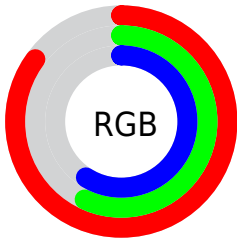
Format	Color
<a href="#">RYB</a>	<a href="#">217, 145, 150</a>
Decimal	<a href="#">14258582</a>
CIELab	<a href="#">67.43, 27.90, 8.55</a>
CIELCh	<a href="#">67, 29.178, 17.049</a>
Yxy	<a href="#">37.2045, 0.3842, 0.3231</a>
Android (android.graphics.Color)	<a href="#">4292448662</a> ( <a href="#">0xFFD99196</a> )
YUV	<a href="#">167.0980, -8.4293, 43.7641</a>
Hunter-Lab	<a href="#">60.9955, 22.7404, 9.9359</a>

# Details

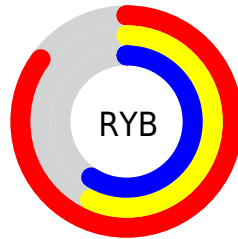
The Hex color **D99196** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91D9D4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC7CC**, and **A05E63** is the 20% darker color. If you saturate the color by 10%, you get **D97B82**, and if you desaturate by 10%, it is **D9A7AA**.

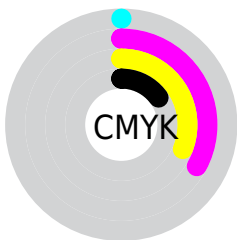
# Distribution



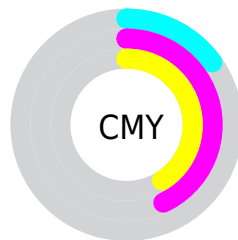
- Red (85%)
- Green (57%)
- Blue (59%)



- Red (85%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (43%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D99196 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 D99196 by changing the saturation by 10% instead.



 D99196

 D99196

FFFFFF

 BC777C

 FFC7CC

 A05E63

 FFE4E8

 85454B

 6A2D35

 501620

 370008

 1E0001

 000000

 D99196

 D99196

 D97B82

 D9A7AA

 D9666E

 D9BCBE

 D95059

 D9D2D3

 D93A45

 D9E8E7

 D92531

 D9FEFB

 D90F1D

 D9FFFF

 D9000F

# Harmonies

## Analogous

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



D192B1



D99196



D3967F

# Triad

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



D99196



8AAE80



71AAD7

# Complementary

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



D99196



91D9D4

# 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.



54B0CA



D99196



6BB298

# Square

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



D99196



A7A771



53B3B3



98A1D6

# Rectangle

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



D99196



C89C74



53B3B3



65ACD4



# Sweetspot

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



D99196



FFE6E7



D391D9



807071



000000



808080



# Same Dimension

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



D99196



FF99A0



D9AF91



6E6363



AD000C



2E0003



# Inverse Universe

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



D99196



FF99A0



91BBD9



6E6363



AD000C

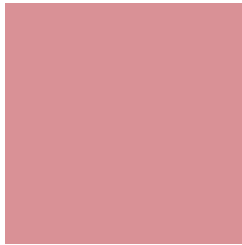


2E0003



# Previews

## White Background



This preview shows how the Hex color D99196 looks on a white background.

## Color Contrast Check

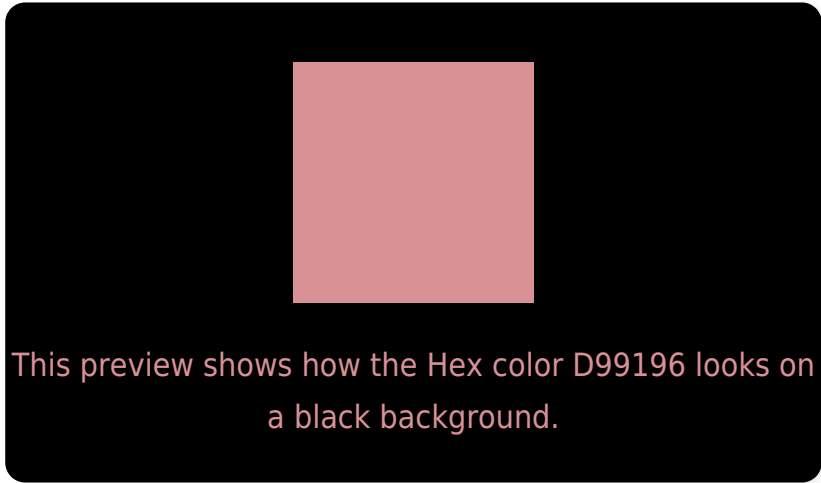
Large Text (above 18pt) WCAG AA × Fail

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 D99196 Background



This preview shows how black text looks on a background with the Hex color D99196.



This preview shows how white text looks on a background with the Hex color D99196.

# 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**  
D99196

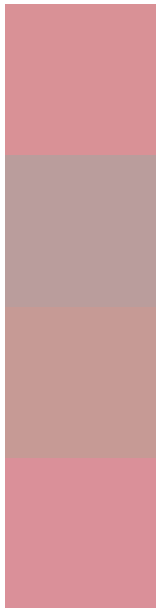
**Protanopia**  
A8A4A0

**Deuteranopia**  
BB9F94



**Tritanopia**  
DA909B

# Trichromacy



**Original Color**  
D99196

**Protanomaly**  
BA9D9C

**Deuteranomaly**  
C69A95

**Tritanomaly**  
DA9099

# Monochromacy



**Original Color**  
D99196

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
B99FA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D99196 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 #D99196 looks like.

```
.text, #text, p{  
    color:#D99196  
}
```

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 #D99196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99196
}
```

## Border

The CSS property to change the border of an element to Hex D99196 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
#D99196 }
```

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

```
.border{ border-color:#D99196 }
```

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

Here you see how a box with a 4 pixel #D99196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99196; -webkit-box-shadow:4px 4px  
4px 4px #D99196; box-shadow:4px 4px 4px  
4px #D99196 }
```

# Background

The CSS property to change the background color of an element to Hex D99196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99196 }
```

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

```
.background{ background-color:#D99196 }
```

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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