

# Converting Colors

Hex(DB9996)

Have a look what the booklet for  
Hex(DB9996) contains.

<b>Hex(DB9996)</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(DB9996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9996
RGB	219, 153, 150
RGB Percent	86%, 60%, 59%
CMY	0.1412, 0.4000, 0.4118
CMYK	0.00, 0.30, 0.32, 0.14
HSL	3°, 49%, 72%
HSV	3°, 32%, 86%
XYZ	46.1097, 40.0445, 34.1533
YIQ	172.3920, 40.2990, 13.0590

# Conversions

## Conversions Part 2

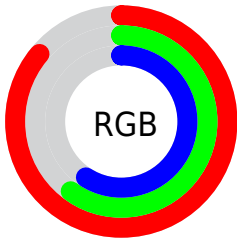
Format	Color
R <sub>Y</sub> B	219, 153, 150
Decimal	14391702
CIE Lab	69.50, 24.34, 11.53
CIE LCh	70, 26.927, 25.344
Yxy	40.0445, 0.3833, 0.3329
Android (android.graphics.Color)	4292581782 (0xFFDB9996)
YUV	172.3920, -11.0393, 40.8752
Hunter-Lab	63.2808, 19.3231, 12.2971

# Details

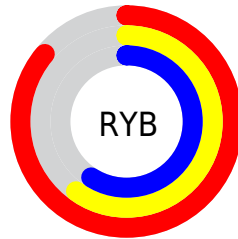
The Hex color **DB9996** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96D8DB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD0CC**, and **A26563** is the 20% darker color. If you saturate the color by 10%, you get **DB8480**, and if you desaturate by 10%, it is **DBAEAC**.

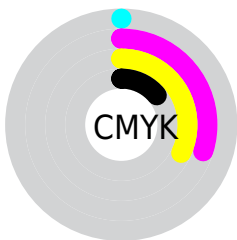
# Distribution



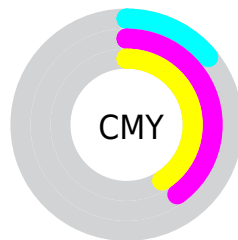
- Red (86%)
- Green (60%)
- Blue (59%)



- Red (86%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB9996 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 DB9996 by changing the saturation by 10% instead.



 DB9996

 DB9996

FFFFFF

 BE7F7C

 FFD0CC

 A26563

 FFECE8

 874D4B

 6C3535

 521F20

 390708

 240001

 000000

 DB9996

 DB9996

 DB8480

 DBAEAC

 DB6F6A

 DBC3C2

 DB5A54

 DBD8D8

 DB453E

 DBEDEE

 DB3029

 DBFFFF

 DB1B13

 DB0A00

# Harmonies

## Analogous

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



D798AF



DB9996



D29F82

# Triad

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



DB9996



89B48D



86ADDA

# Complementary

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



DB9996



96D8DB

# 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.



68B4D1



DB9996



6FB7A5

# Square

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



DB9996



A6AF7D



60B7BE



A8A5D6

# Rectangle

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



DB9996



C6A47B



60B7BE



7BB0D8

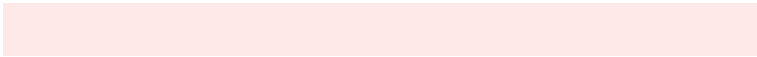


# Sweetspot

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



DB9996



FFE9E8



DB96D9



807271



000000



808080



# Same Dimension

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



DB9996



FFA29E



DBBB96



6E6363



AD0800



2E0200



# Inverse Universe

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



96D8DB



9EFBFF



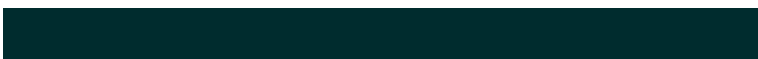
96B6DB



636D6E



00A6AD



002C2E



# Previews

## White Background



This preview shows how the Hex color DB9996 looks on a white background.

## Color Contrast Check

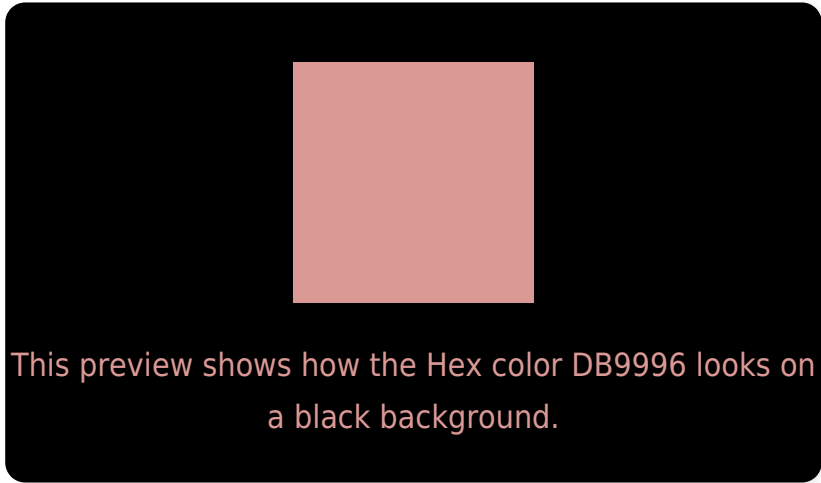
Large Text (above 18pt) WCAG AA × Fail

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 DB9996 Background



This preview shows how black text looks on a background with the Hex color DB9996.



This preview shows how white text looks on a background with the Hex color DB9996.

# 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**  
DB9996

**Protanopia**  
B0A99F

**Deuteranopia**  
C2A494



**Tritanopia**  
DC97A3

# Trichromacy



**Original Color**  
DB9996

**Protanomaly**  
C0A39C

**Deuteranomaly**  
CBA095

**Tritanomaly**  
DC989E

# Monochromacy



**Original Color**  
DB9996

**Achromatopsia**  
ACACAC

**Achromatomaly**  
BDA5A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB9996 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 #DB9996 looks like.

```
.text, #text, p{  
    color:#DB9996  
}
```

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 #DB9996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9996
}
```

## Border

The CSS property to change the border of an element to Hex DB9996 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
#DB9996 }
```

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

```
.border{ border-color:#DB9996 }
```

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

Here you see how a box with a 4 pixel #DB9996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9996; -webkit-box-shadow:4px 4px  
4px 4px #DB9996; box-shadow:4px 4px 4px  
4px #DB9996 }
```

# Background

The CSS property to change the background color of an element to Hex DB9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9996 }
```

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

```
.background{ background-color:#DB9996 }
```

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