

# Converting Colors

Hex(DB68A3)

Have a look what the booklet for  
Hex(DB68A3) contains.

<b>Hex(DB68A3)</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(DB68A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB68A3
RGB	219, 104, 163
RGB Percent	86%, 41%, 64%
CMY	0.1412, 0.5922, 0.3608
CMYK	0.00, 0.53, 0.26, 0.14
HSL	329°, 61%, 63%
HSV	329°, 53%, 86%
XYZ	40.7746, 27.6050, 37.8296
YIQ	145.1110, 49.6010, 42.7290

# Conversions

## Conversions Part 2

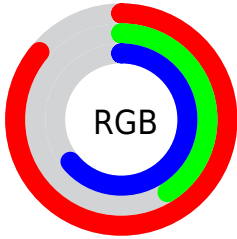
Format	Color
R <sub>Y</sub> B	219, 104, 163
Decimal	14379171
CIE Lab	59.53, 51.54, -10.38
CIE LCh	60, 52.570, 348.617
Yxy	27.6050, 0.3839, 0.2599
Android (android.graphics.Color)	4292569251 (0xFFDB68A3)
YUV	145.1110, 8.8193, 64.8007
Hunter-Lab	52.5405, 46.5809, -5.9109

# Details

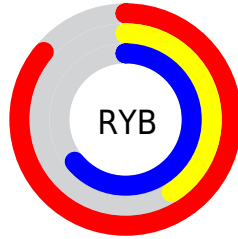
The Hex color **DB68A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68DBA0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9FDA**, and **A1316F** is the 20% darker color. If you saturate the color by 10%, you get **DB5298**, and if you desaturate by 10%, it is **DB7EAE**.

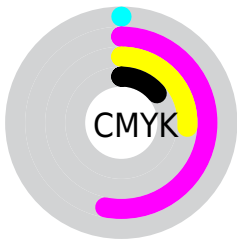
# Distribution



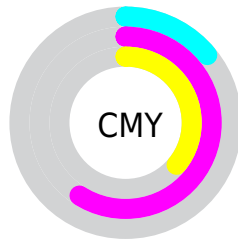
- Red (86%)
- Green (41%)
- Blue (64%)



- Red (86%)
- Yellow (41%)
- Blue (64%)



- Cyan (0%)
- Magenta (53%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB68A3 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 DB68A3 by changing the saturation by 10% instead.



 DB68A3

 DB68A3

FFFFFF

 BE4D89

 FF9FDA

 A1316F

 FFBBF6

 851057

 FFD7FF

 690040

 FFF5FF

 4E002A

 370016

 100000

 000000

 DB68A3

 DB68A3

 DB5298

 DB7EAE

 DB3C8E

 DB94B8

 DB2683

 DBAAC3

 DB1078

 DBC0CE

 DB0070

 DBD5D8

 DBEBE3

 DBFFEE

 DBFFF8

 DBFFFF

# Harmonies

## Analogous

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



B677CD



DB68A3



E56774

# Triad

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



DB68A3



8D9631



00A3D4

# Complementary

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



DB68A3



68DBA0

# 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.



00A6AB



DB68A3



56A04F

# Square

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



DB68A3



B88730



00A57C



009AEA

# Rectangle

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



DB68A3



DE6F58



00A57C



00A4C8



# Sweetspot

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



DB68A3



FFD6EB



A068DB



806774



000000



808080



# Same Dimension

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



DB68A3



FF5EB1



DB686A



6E6368



AD0059



2E0018



# Inverse Universe

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



DB68A3



FF5EB1



68DBD9



6E6368



AD0059



2E0018



# Previews

## White Background



This preview shows how the Hex color DB68A3 looks on a white background.

## Color Contrast Check

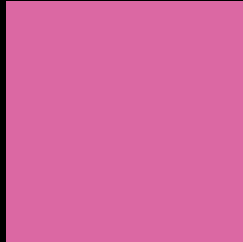
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DB68A3 looks on a 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DB68A3 Background



This preview shows how black text looks on a background with the Hex color DB68A3.



This preview shows how white text looks on a background with the Hex color DB68A3.

# 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



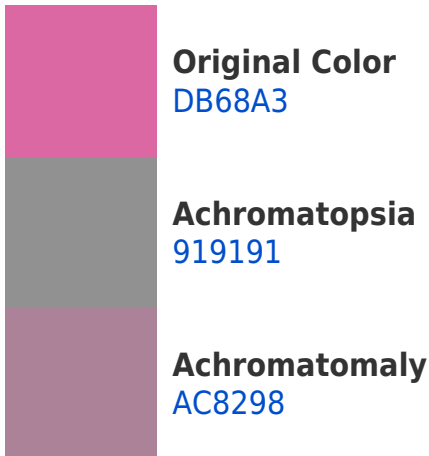


**Tritanopia**  
D77179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB68A3 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 #DB68A3 looks like.

```
.text, #text, p{  
    color:#DB68A3  
}
```

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 #DB68A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB68A3
}
```

## Border

The CSS property to change the border of an element to Hex DB68A3 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
#DB68A3 }
```

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

```
.border{ border-color:#DB68A3 }
```

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

Here you see how a box with a 4 pixel #DB68A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB68A3; -webkit-box-shadow:4px 4px  
4px 4px #DB68A3; box-shadow:4px 4px 4px  
4px #DB68A3 }
```

# Background

The CSS property to change the background color of an element to Hex DB68A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB68A3 }
```

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

```
.background{ background-color:#DB68A3 }
```

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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