

# Converting Colors

Hex(DA69B3)

Have a look what the booklet for  
Hex(DA69B3) contains.

<b>Hex(DA69B3)</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(DA69B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA69B3
RGB	218, 105, 179
RGB Percent	85%, 41%, 70%
CMY	0.1451, 0.5882, 0.2980
CMYK	0.00, 0.52, 0.18, 0.15
HSL	321°, 60%, 63%
HSV	321°, 52%, 85%
XYZ	42.1017, 28.2633, 45.8842
YIQ	147.2230, 43.5940, 46.9700

# Conversions

## Conversions Part 2

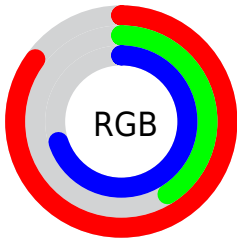
Format	Color
<a href="#">RYB</a>	<a href="#">218, 105, 179</a>
Decimal	<a href="#">14313907</a>
CIELab	<a href="#">60.13, 53.02, -18.69</a>
CIElCh	<a href="#">60, 56.216, 340.578</a>
Yxy	<a href="#">28.2633, 0.3622, 0.2431</a>
Android (android.graphics.Color)	<a href="#">4292503987 (0xFFDA69B3)</a>
YUV	<a href="#">147.2230, 15.6661, 62.0714</a>
Hunter-Lab	<a href="#">53.1632, 48.3245, -13.9579</a>

# Details

The Hex color **DA69B3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69DA90**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA0EB**, and **A0327E** is the 20% darker color. If you saturate the color by 10%, you get **DA53AB**, and if you desaturate by 10%, it is **DA7FBB**.

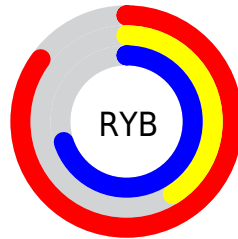
# Distribution



Red (85%)

Green (41%)

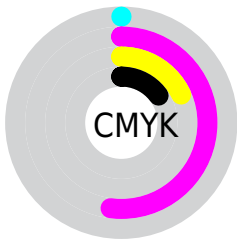
Blue (70%)



Red (85%)

Yellow (41%)

Blue (70%)

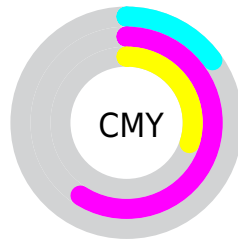


Cyan (0%)

Magenta (52%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA69B3 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 DA69B3 by changing the saturation by 10% instead.



 DA69B3

 DA69B3

FFFFFF

 BD4E98

 FFA0EB

 A0327E

 FFBCFF

 841165

 FFD9FF

 69004D

 FFF6FF

 4E0036

 370021

 150005

 000000

 DA69B3

 DA69B3

 DA53AB

 DA7FBB

 DA3DA4

 DA95C2

 DA289C

 DAAACA

 DA1295

 DAC0D1

 DA008F

 DAD6D9

 DAECE0

 DAFFE8

 DAFFE7

 DAFFF7

# Harmonies

## Analogous

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



AA7CDD



DA69B3



EB6381

# Triad

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



DA69B3



9B9426



00A7D0

# Complementary

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



DA69B3



69DA90

# 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.



00A9A2



DA69B3



65A041

# Square

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



DA69B3



C5832F



00A76E



009FEE

# Rectangle

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



DA69B3



E86A61



00A76E



00A8C2



# Sweetspot

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



DA69B3



FFD6F1



8F69DA



806777



000000



808080



# Same Dimension

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



DA69B3



FF61C8



DA697C



6E636A



AD0072



2E001E



# Inverse Universe

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



DA69B3



FF61C8



69DAC7



6E636A



AD0072



2E001E



# Previews

## White Background



This preview shows how the Hex color DA69B3 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

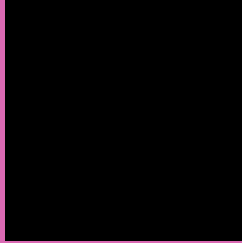
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA69B3 Background



This preview shows how black text looks on a background with the Hex color DA69B3.

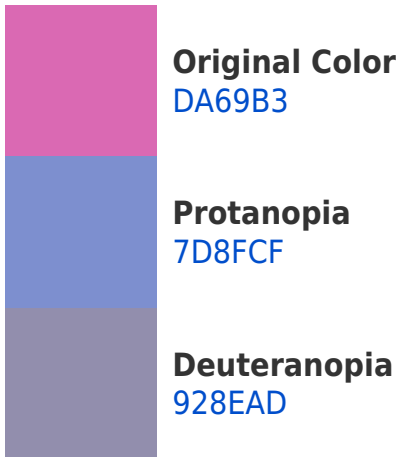


This preview shows how white text looks on a background with the Hex color DA69B3.

# 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**  
D5757D

# Trichromacy



**Original Color**  
DA69B3



**Protanomaly**  
9F81C5



**Deuteranomaly**  
AC81AF

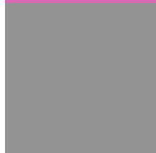


**Tritanomaly**  
D77191

# Monochromacy



**Original Color**  
DA69B3



**Achromatopsia**  
939393



**Achromatomaly**  
AD849F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA69B3 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 #DA69B3 looks like.

```
.text, #text, p{  
    color:#DA69B3  
}
```

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 #DA69B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA69B3
}
```

## Border

The CSS property to change the border of an element to Hex DA69B3 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
#DA69B3 }
```

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

```
.border{ border-color:#DA69B3 }
```

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

Here you see how a box with a 4 pixel #DA69B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA69B3; -webkit-box-shadow:4px 4px  
4px 4px #DA69B3; box-shadow:4px 4px 4px  
4px #DA69B3 }
```

# Background

The CSS property to change the background color of an element to Hex DA69B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA69B3 }
```

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

```
.background{ background-color:#DA69B3 }
```

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