

# Converting Colors

Hex(DD84A6)

Have a look what the booklet for  
Hex(DD84A6) contains.

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# **Color**

**Hex(DD84A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD84A6
RGB	221, 132, 166
RGB Percent	87%, 52%, 65%
CMY	0.1333, 0.4824, 0.3490
CMYK	0.00, 0.40, 0.25, 0.13
HSL	337°, 57%, 69%
HSV	337°, 40%, 87%
XYZ	44.9530, 34.6279, 40.3910
YIQ	162.4870, 42.1300, 29.4420

# Conversions

## Conversions Part 2

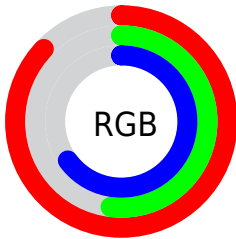
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 132, 166</a>
Decimal	<a href="#">14517414</a>
CIELab	<a href="#">65.46, 38.45, -3.26</a>
CIElCh	<a href="#">65, 38.588, 355.154</a>
Yxy	<a href="#">34.6279, 0.3747, 0.2886</a>
Android (android.graphics.Color)	<a href="#">4292707494 (0xFFDD84A6)</a>
YUV	<a href="#">162.4870, 1.7319, 51.3159</a>
Hunter-Lab	<a href="#">58.8454, 33.3796, 0.4957</a>

# Details

The Hex color **DD84A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **84DDBB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBADD**, and **A45072** is the 20% darker color. If you saturate the color by 10%, you get **DD6E98**, and if you desaturate by 10%, it is **DD9AB4**.

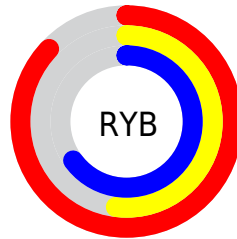
# Distribution



Red (87%)

Green (52%)

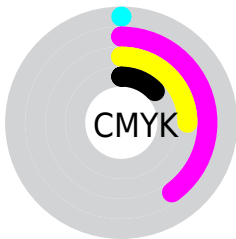
Blue (65%)



Red (87%)

Yellow (52%)

Blue (65%)

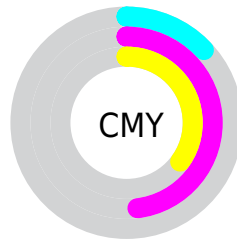


Cyan (0%)

Magenta (40%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD84A6 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 DD84A6 by changing the saturation by 10% instead.



 DD84A6

 DD84A6

FFFFFF

 C06A8C

 FFBADD

 A45072

 FFD7FA

 88375A

 FFF3FF

 6D1D42

 53002C

 3A0018

 210001

 000000

 DD84A6

 DD84A6

 DD6E98

 DD9AB4

 DD588B

 DDB0C1

 DD427D

 DDC6CF

 DD2C6F

 DDDCDD

 DD1562

 DDF3EA

 DD0054

 DDFFF8

 DDFFFF

# Harmonies

## Analogous

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



C58CC7



DD84A6



E18683

# Triad

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



DD84A6



98A65F



00ADD7

# Complementary

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



DD84A6



84DDBB

# 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.



00B1BB



DD84A6



6FAD76

# Square

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



DD84A6



BA9B59



3CB198



60A4E3

# Rectangle

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



DD84A6



DA8B6F



3CB198



00AECF



# Sweetspot

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



DD84A6



FFE0EC



BB84DD



806E74



000000



808080



# Same Dimension

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



DD84A6



FF85B3



DD8E84



6E6367



AD0042



2E0012



# Inverse Universe

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



DD84A6



FF85B3



84D3DD



6E6367



AD0042

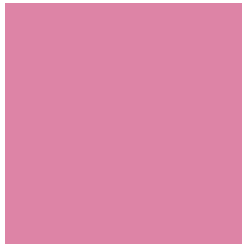


2E0012



# Previews

## White Background



This preview shows how the Hex color DD84A6 looks on a white background.

## Color Contrast Check

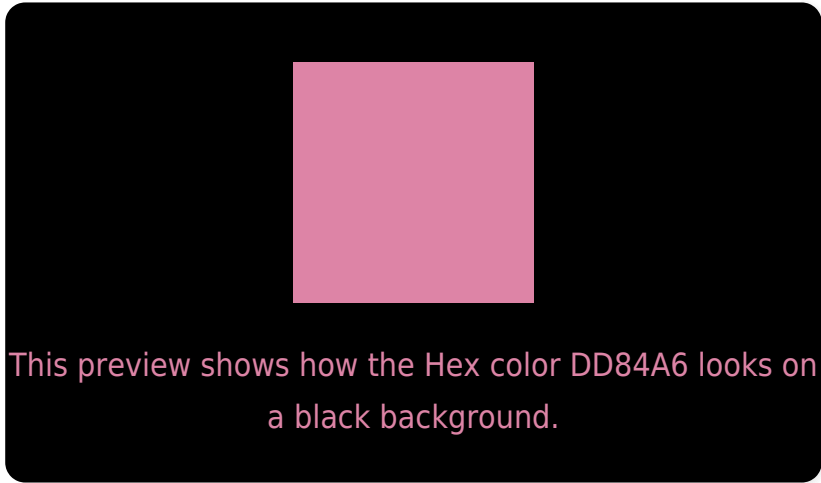
Large Text (above 18pt) WCAG AA × Fail

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 DD84A6 Background



This preview shows how black text looks on a background with the Hex color DD84A6.




This preview shows how white text looks on a background with the Hex color DD84A6.

# 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](#).

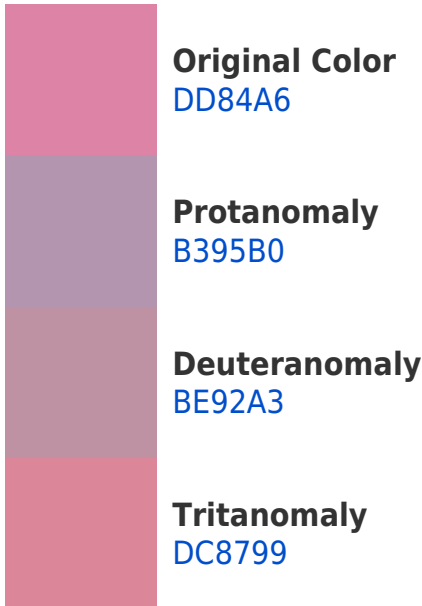
## Dichromacy



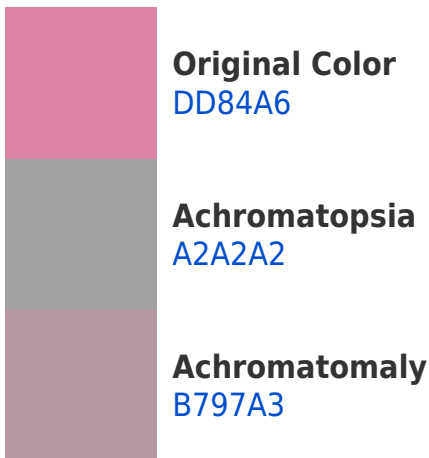


**Tritanopia**  
DB8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD84A6 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 #DD84A6 looks like.

```
.text, #text, p{  
    color:#DD84A6  
}
```

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 #DD84A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD84A6
}
```

## Border

The CSS property to change the border of an element to Hex DD84A6 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
#DD84A6 }
```

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

```
.border{ border-color:#DD84A6 }
```

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

Here you see how a box with a 4 pixel #DD84A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD84A6; -webkit-box-shadow:4px 4px  
4px 4px #DD84A6; box-shadow:4px 4px 4px  
4px #DD84A6 }
```

# Background

The CSS property to change the background color of an element to Hex DD84A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD84A6 }
```

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

```
.background{ background-color:#DD84A6 }
```

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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