

# Converting Colors

Hex(DD55A9)

Have a look what the booklet for  
Hex(DD55A9) contains.

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# **Color**

**Hex(DD55A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD55A9
RGB	221, 85, 169
RGB Percent	87%, 33%, 66%
CMY	0.1333, 0.6667, 0.3373
CMYK	0.00, 0.62, 0.24, 0.13
HSL	323°, 67%, 60%
HSV	323°, 62%, 87%
XYZ	40.2287, 24.7337, 40.1899
YIQ	135.2400, 54.0920, 54.9560

# Conversions

## Conversions Part 2

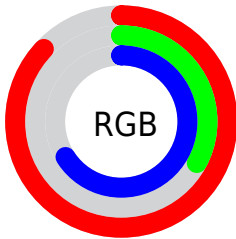
Format	Color
R <sub>Y</sub> B	221, 85, 169
Decimal	14505385
CIE Lab	56.82, 61.55, -17.92
CIE LCh	57, 64.106, 343.765
Yxy	24.7337, 0.3826, 0.2352
Android (android.graphics.Color)	4292695465 (0xFFDD55A9)
YUV	135.2400, 16.6437, 75.2115
Hunter-Lab	49.7330, 57.3548, -13.0999

# Details

The Hex color **DD55A9** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **55DD89**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8DE0**, and **A21275** is the 20% darker color. If you saturate the color by 10%, you get **DD3FA1**, and if you desaturate by 10%, it is **DD6BB1**.

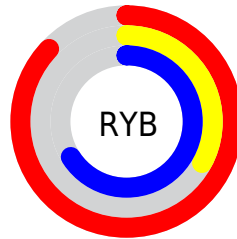
# Distribution



Red (87%)

Green (33%)

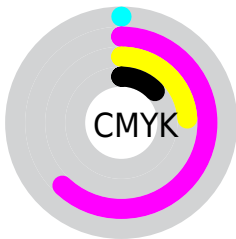
Blue (66%)



Red (87%)

Yellow (33%)

Blue (66%)

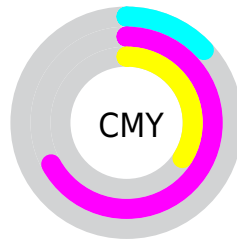


Cyan (0%)

Magenta (62%)

Yellow (24%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD55A9 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 DD55A9 by changing the saturation by 10% instead.



 DD55A9

 DD55A9

FFFFFF

 BF378E

 FF8DE0

 A21275

 FFAAFD

 86005C

 FFC7FF

 6A0044

 FFE4FF

 4E002E

 340019

 0C0000

 000000

 DD55A9

 DD55A9

 DD3FA1

 DD6BB1

 DD2998

 DD81BA

 DD1390

 DD97C2

 DD0088

 DDADCB

 DDC3D3

 DDDADC

 DDF0E4

 DDF FED

 DDFFF5

# Harmonies

## Analogous

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



AB6DDA



DD55A9



EC5071

# Triad

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



DD55A9



8B8E00



00A0D5

# Complementary

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



DD55A9



55DD89

# 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.



00A2A1



DD55A9



4A9A30

# Square

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



DD55A9



BC7B09



00A067



0097F4

# Rectangle

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



DD55A9



E65B4D



00A067



00A1C5



# Sweetspot

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



DD55A9



FFD1ED



8755DD



806375



000000



808080



# Same Dimension

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



DD55A9



FF42B7



DD5567



6E6369



AD006B



2E001C



# Inverse Universe

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



DD55A9



FF42B7



55DDCB



6E6369



AD006B



2E001C



# Previews

## White Background



This preview shows how the Hex color DD55A9 looks on a white background.

## Color Contrast Check

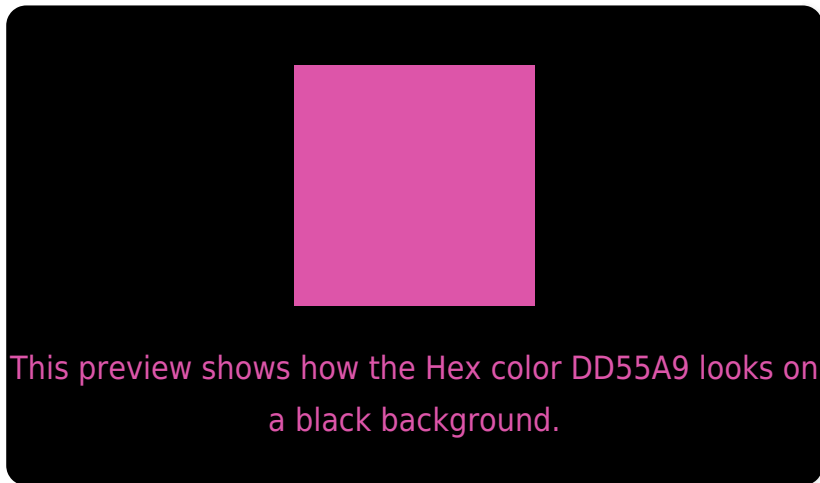
Large Text (above 18pt) WCAG AA ✓ Pass

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

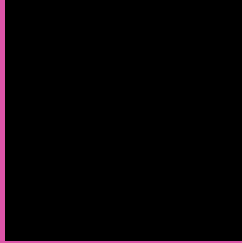
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DD55A9 Background



This preview shows how black text looks on a background with the Hex color DD55A9.

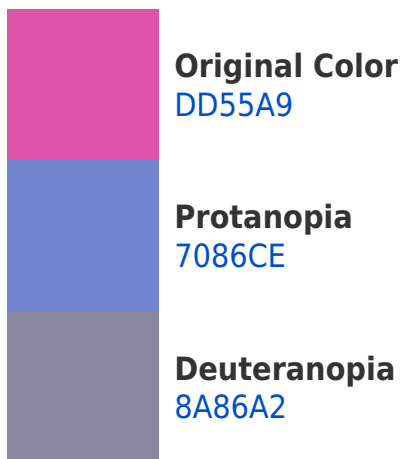


This preview shows how white text looks on a background with the Hex color DD55A9.

# 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**  
D7646B

# Trichromacy



**Original Color**  
DD55A9



**Protanomaly**  
9874C1



**Deuteranomaly**  
A874A5



**Tritanomaly**  
D95F82

# Monochromacy



**Original Color**  
DD55A9



**Achromatopsia**  
878787



**Achromatomaly**  
A67593

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD55A9 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 #DD55A9 looks like.

```
.text, #text, p{  
    color:#DD55A9  
}
```

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 #DD55A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD55A9
}
```

## Border

The CSS property to change the border of an element to Hex DD55A9 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
#DD55A9 }
```

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

```
.border{ border-color:#DD55A9 }
```

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

Here you see how a box with a 4 pixel #DD55A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD55A9; -webkit-box-shadow:4px 4px  
4px 4px #DD55A9; box-shadow:4px 4px 4px  
4px #DD55A9 }
```

# Background

The CSS property to change the background color of an element to Hex DD55A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD55A9 }
```

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

```
.background{ background-color:#DD55A9 }
```

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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