

# Converting Colors

Hex(DA55B9)

Have a look what the booklet for  
Hex(DA55B9) contains.

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# Color

**Hex(DA55B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA55B9
RGB	218, 85, 185
RGB Percent	85%, 33%, 73%
CMY	0.1451, 0.6667, 0.2745
CMYK	0.00, 0.61, 0.15, 0.15
HSL	315°, 64%, 59%
HSV	315°, 61%, 85%
XYZ	40.9189, 24.9052, 48.5495
YIQ	136.1670, 47.1680, 59.2960

# Conversions

## Conversions Part 2

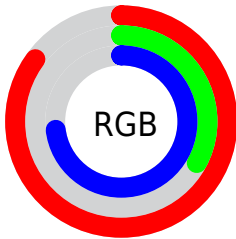
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 85, 185
Decimal	14308793
CIE <sub>Lab</sub>	56.98, 62.96, -26.96
CIE <sub>LCh</sub>	57, 68.490, 336.818
Y <sub>xy</sub>	24.9052, 0.3578, 0.2178
Android (android.graphics.Color)	4292498873 (0xFFDA55B9)
Y <sub>UV</sub>	136.1670, 24.0747, 71.7675
Hunter-Lab	49.9051, 59.0242, -22.7458

# Details

The Hex color **DA55B9** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **55DA76**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8EF1**, and **A01284** is the 20% darker color. If you saturate the color by 10%, you get **DA3FB4**, and if you desaturate by 10%, it is **DA6BBE**.

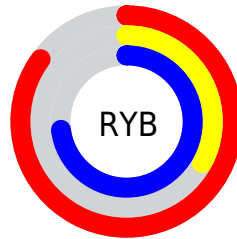
# Distribution



Red (85%)

Green (33%)

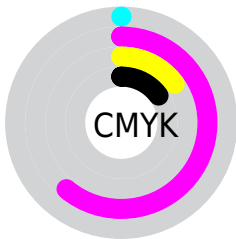
Blue (73%)



Red (85%)

Yellow (33%)

Blue (73%)

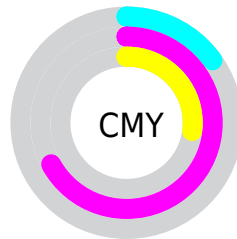


Cyan (0%)

Magenta (61%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (67%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA55B9 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 DA55B9 by changing the saturation by 10% instead.



 DA55B9

 DA55B9

FFFFFF

 BD379E

 FF8EF1

 A01284

 FFAAFF

 83006A

 FFC7FF

 680052

 FFE4FF

 4C003A

 330024

 0C000B

 000000

 DA55B9

 DA55B9

 DA3FB4

 DA6BBE

 DA29AE

 DA81C4

 DA14A9

 DA96C9

 DA00A4

 DAACCF

 DAC2D4

 DAD8D9

 DAEEDF

 DAFFE4

 DAFFEA

# Harmonies

## Analogous

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



9A72E9



DA55B9



F2477E

# Triad

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



DA55B9



988B00



00A3CF

# Complementary

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



DA55B9



55DA76

# 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.



00A495



DA55B9



589918

# Square

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



DA55B9



C97406



00A157



009BF7

# Rectangle

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



DA55B9



EF5157



00A157



00A4BD



# Sweetspot

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



DA55B9



FFD1F4



7455DA



806379



000000



808080



# Same Dimension

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



DA55B9



FF45D1



DA5578



6E636B



AD0082



2E0023



# Inverse Universe

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



DA55B9



FF45D1



55DAB7



6E636B



AD0082



2E0023



# Previews

## White Background



This preview shows how the Hex color DA55B9 looks on a white background.

## Color Contrast Check

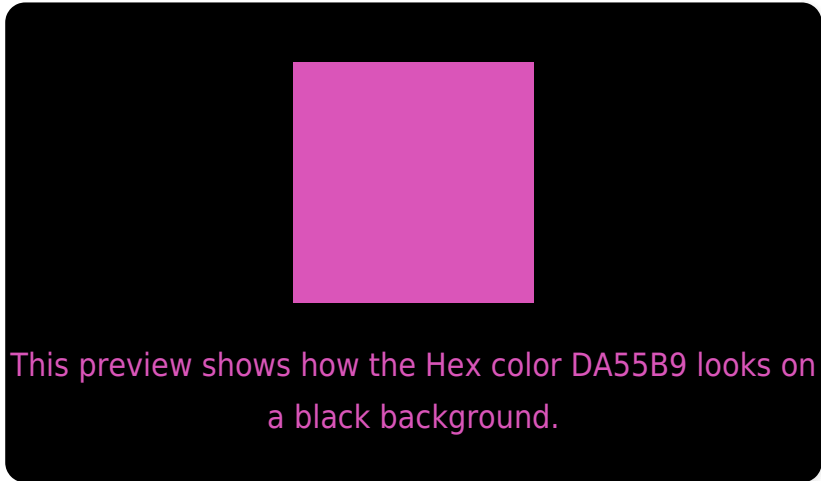
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA55B9 Background



This preview shows how black text looks on a background with the Hex color DA55B9.




This preview shows how white text looks on a background with the Hex color DA55B9.

# 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](#).

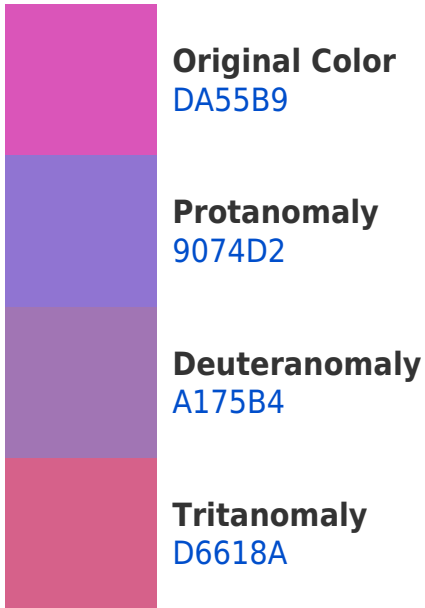
## Dichromacy



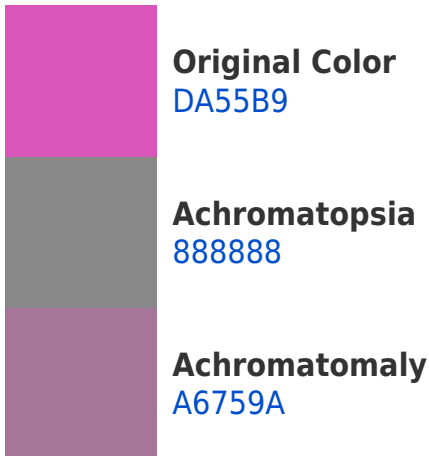


**Tritanopia**  
D3686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA55B9 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 #DA55B9 looks like.

```
.text, #text, p{  
    color:#DA55B9  
}
```

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 #DA55B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA55B9
}
```

## Border

The CSS property to change the border of an element to Hex DA55B9 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
#DA55B9 }
```

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

```
.border{ border-color:#DA55B9 }
```

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

Here you see how a box with a 4 pixel #DA55B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA55B9; -webkit-box-shadow:4px 4px  
4px 4px #DA55B9; box-shadow:4px 4px 4px  
4px #DA55B9 }
```

# Background

The CSS property to change the background color of an element to Hex DA55B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA55B9 }
```

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

```
.background{ background-color:#DA55B9 }
```

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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