

# Converting Colors

Hex(DA64AF)

Have a look what the booklet for  
Hex(DA64AF) contains.

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# Color

**Hex(DA64AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA64AF
RGB	218, 100, 175
RGB Percent	85%, 39%, 69%
CMY	0.1451, 0.6078, 0.3137
CMYK	0.00, 0.54, 0.20, 0.15
HSL	322°, 61%, 62%
HSV	322°, 54%, 85%
XYZ	41.2085, 27.1149, 43.6192
YIQ	143.8320, 46.2530, 48.3410

# Conversions

## Conversions Part 2

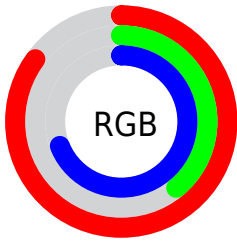
Format	Color
R <sub>Y</sub> B	218, 100, 175
Decimal	14312623
CIE Lab	59.08, 54.81, -17.99
CIE LCh	59, 57.683, 341.831
Yxy	27.1149, 0.3681, 0.2422
Android (android.graphics.Color)	4292502703 (0xFFDA64AF)
YUV	143.8320, 15.3658, 65.0453
Hunter-Lab	52.0720, 50.1345, -13.2152

# Details

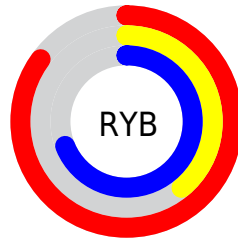
The Hex color **DA64AF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64DA8F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9BE7**, and **A02C7A** is the 20% darker color. If you saturate the color by 10%, you get **DA4EA7**, and if you desaturate by 10%, it is **DA7AB7**.

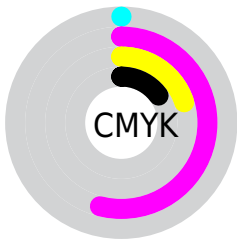
# Distribution



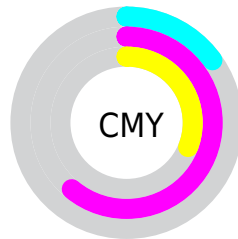
- Red (85%)
- Green (39%)
- Blue (69%)



- Red (85%)
- Yellow (39%)
- Blue (69%)



- Cyan (0%)
- Magenta (54%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (61%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA64AF 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 DA64AF by changing the saturation by 10% instead.



 DA64AF

 DA64AF


FFFFFF

 BD4994

 FF9BE7

 A02C7A

 FFB7FF

 840461

 FFD4FF

 69004A

 FFF1FF

 4E0033

 36001E

 120000

 000000

 DA64AF

 DA64AF

■ DA4EA7

■ DA7AB7

■ DA389F

■ DA90BF

■ DA2397

■ DAA5C7

■ DA0D8F

■ DABBCF

■ DA008B

■ DAD1D7

■ DAE7DF

■ DAFDE7

■ DAFFEF

■ DAFFF6

# Harmonies

## Analogous

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



AB78DA



DA64AF



EA5F7C

# Triad

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



DA64AF



96921F



00A4D1

# Complementary

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



DA64AF



64DA8F

# 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.



00A7A1



DA64AF



5D9E3E

# Square

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



DA64AF



C28028



00A46D



009CEE

# Rectangle

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



DA64AF



E6665C



00A46D



00A6C2



# Sweetspot

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



DA64AF



FFD6F0



8D64DA



806777



000000



808080



# Same Dimension

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



DA64AF



FF59C3



DA6476



6E636A



AD006E



2E001D



# Inverse Universe

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



DA64AF



FF59C3



64DAC8



6E636A



AD006E



2E001D



# Previews

## White Background



This preview shows how the Hex color DA64AF looks on a white background.

## Color Contrast Check

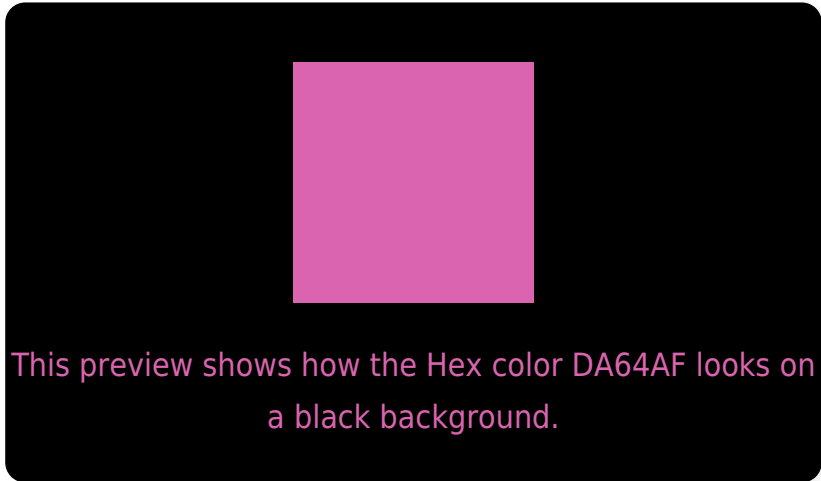
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA64AF Background



This preview shows how black text looks on a background with the Hex color DA64AF.

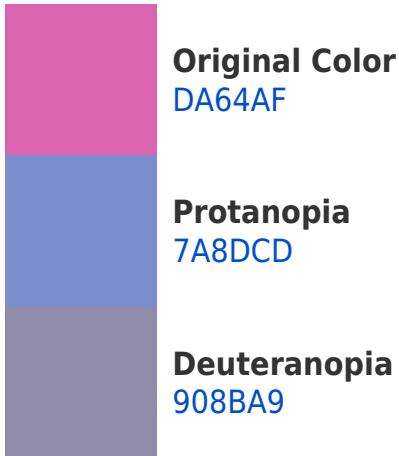


This preview shows how white text looks on a background with the Hex color DA64AF.

# 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](#).

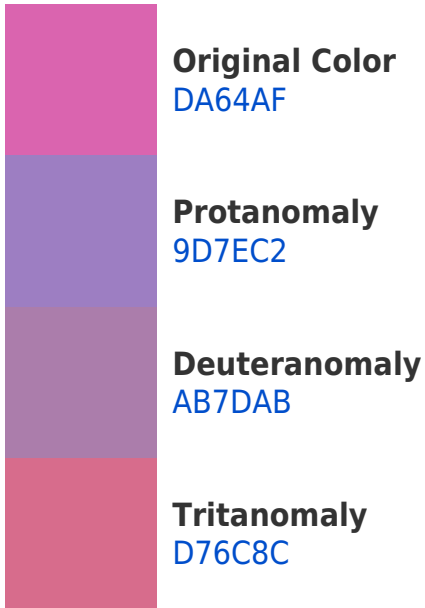
## Dichromacy



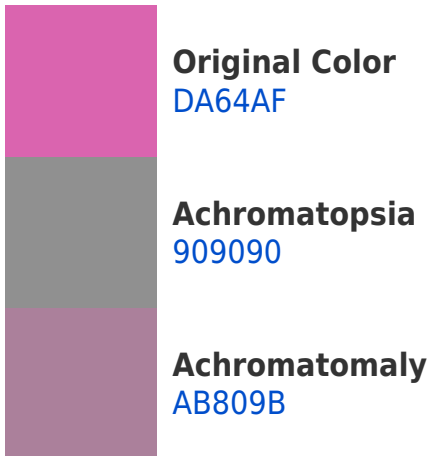


**Tritanopia**  
D57078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA64AF 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 #DA64AF looks like.

```
.text, #text, p{  
  color:#DA64AF  
}
```

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 #DA64AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA64AF
}
```

## Border

The CSS property to change the border of an element to Hex DA64AF 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
#DA64AF }
```

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

```
.border{ border-color:#DA64AF }
```

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

Here you see how a box with a 4 pixel #DA64AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA64AF; -webkit-box-shadow:4px 4px  
4px 4px #DA64AF; box-shadow:4px 4px 4px  
4px #DA64AF }
```

# Background

The CSS property to change the background color of an element to Hex DA64AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA64AF }
```

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

```
.background{ background-color:#DA64AF }
```

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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