

# Converting Colors

Hex(DA90D7)

Have a look what the booklet for  
Hex(DA90D7) contains.

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**Color**

**Hex(DA90D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA90D7
RGB	218, 144, 215
RGB Percent	85%, 56%, 84%
CMY	0.1451, 0.4353, 0.1569
CMYK	0.00, 0.34, 0.01, 0.15
HSL	302°, 50%, 71%
HSV	302°, 34%, 85%
XYZ	51.1524, 39.7582, 69.2681
YIQ	174.2200, 21.3130, 37.7690

# Conversions

## Conversions Part 2

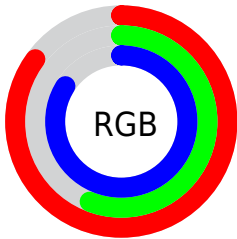
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 144, 215
Decimal	14323927
CIE <sub>Lab</sub>	69.30, 39.05, -24.95
CIE <sub>LCh</sub>	69, 46.334, 327.425
Yxy	39.7582, 0.3193, 0.2482
Android (android.graphics.Color)	4292514007 (0xFFDA90D7)
YUV	174.2200, 20.1045, 38.3951
Hunter-Lab	63.0541, 34.4627, -20.9951

# Details

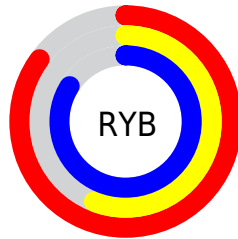
The Hex color **DA90D7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90DA93**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC7FF**, and **A25CA0** is the 20% darker color. If you saturate the color by 10%, you get **DA7AD6**, and if you desaturate by 10%, it is **DAA6D8**.

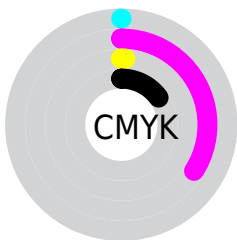
# Distribution



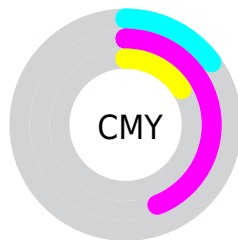
- Red (85%)
- Green (56%)
- Blue (84%)



- Red (85%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (44%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA90D7 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 DA90D7 by changing the saturation by 10% instead.



 DA90D7

FFFFFF

 FFC7FF

 FFE3FF

 DA90D7

 BE76BB

 A25CA0

 874386

 6C2A6C

 530F54

 3A003C

 260027

 00010F

 000000

■ DA90D7

■ DA90D7

■ DA7AD6

■ DAA6D8

■ DA64D5

■ DABCD9

■ DA4FD4

■ DAD1DA

■ DA39D3

■ DAE7DB

■ DA23D3

■ DAFDDB

■ DA0DD2

■ DAFFDC

■ DA00D1

■ DAFFDD

■ DAFFDE

■ DAFFDF

# Harmonies

## Analogous

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



A7A0F4



DA90D7



F587AF

# Triad

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



DA90D7



C6A653



00BECF

# Complementary

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



DA90D7



90DA93

# 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.



00BFA4



DA90D7



9CB25C

# Square

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



DA90D7



E69663



68BB7A



00B9EF

# Rectangle

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



DA90D7



F98892



68BB7A



00BFC1



# Sweetspot

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



DA90D7



FFE6FE



9290DA



80707F



000000



808080



# Same Dimension

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



DA90D7



FF96FB



DA90B3



6E636D



AD00A6



2E002C



# Inverse Universe

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



DA90D7



FF96FB



90DAB7



6E636D



AD00A6

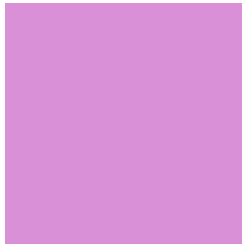


2E002C



# Previews

## White Background



This preview shows how the Hex color DA90D7 looks on a white background.

## Color Contrast Check

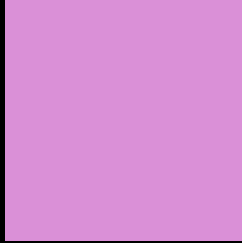
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DA90D7 looks on a 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 DA90D7 Background



This preview shows how black text looks on a background with the Hex color DA90D7.

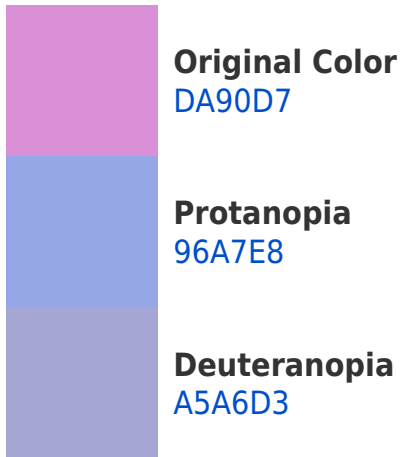



This preview shows how white text looks on a background with the Hex color DA90D7.

# 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**  
D49AA6

# Trichromacy



**Original Color**  
DA90D7



**Protanomaly**  
AF9FE2



**Deuteranomaly**  
B89ED4



**Tritanomaly**  
D696B8

# Monochromacy



**Original Color**  
DA90D7



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
BEA3BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA90D7 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 #DA90D7 looks like.

```
.text, #text, p{  
    color:#DA90D7  
}
```

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 #DA90D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA90D7
}
```

## Border

The CSS property to change the border of an element to Hex DA90D7 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
#DA90D7 }
```

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

```
.border{ border-color:#DA90D7 }
```

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

Here you see how a box with a 4 pixel #DA90D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA90D7; -webkit-box-shadow:4px 4px  
4px 4px #DA90D7; box-shadow:4px 4px 4px  
4px #DA90D7 }
```

# Background

The CSS property to change the background color of an element to Hex DA90D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA90D7 }
```

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

```
.background{ background-color:#DA90D7 }
```

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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