

Converting Colors

Hex(DA93E6)

Have a look what the booklet for
Hex(DA93E6) contains.

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Color

Hex(DA93E6)

Conversions

Conversions Part 1

Format	Color
Hex	DA93E6
RGB	218, 147, 230
RGB Percent	85%, 58%, 90%
CMY	0.1451, 0.4235, 0.0980
CMYK	0.05, 0.36, 0.00, 0.10
HSL	291°, 62%, 74%
HSV	291°, 36%, 90%
XYZ	53.6301, 41.4860, 80.0439
YIQ	177.6910, 15.6730, 40.8650

Conversions

Conversions Part 2

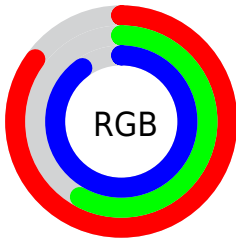
Format	Color
R _Y B	218, 147, 230
Decimal	14324710
CIE Lab	70.52, 40.26, -31.34
CIE LCh	71, 51.019, 322.100
Yxy	41.4860, 0.3062, 0.2368
Android (android.graphics.Color)	4292514790 (0xFFDA93E6)
YUV	177.6910, 25.7883, 35.3510
Hunter-Lab	64.4097, 35.9094, -28.5948

Details

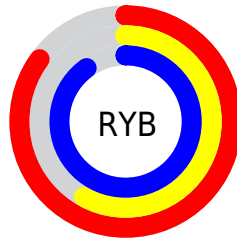
The Hex color **DA93E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9FE693**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCAFF**, and **A25FAE** is the 20% darker color. If you saturate the color by 10%, you get **D77CE6**, and if you desaturate by 10%, it is **DDAAE6**.

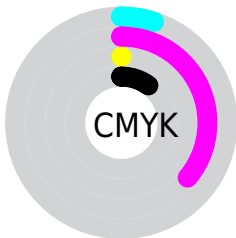
Distribution



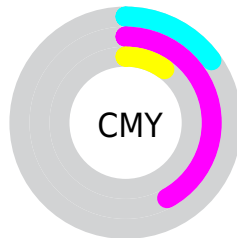
- Red (85%)
- Green (58%)
- Blue (90%)



- Red (85%)
- Yellow (58%)
- Blue (90%)



- Cyan (5%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (42%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA93E6 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 DA93E6 by changing the saturation by 10% instead.

 DA93E6

 DA93E6

FFFFFF

 BE79CA

 FFCAFF

 A25FAE

 FFE7FF

 874693

 6C2D79

 521360

 390048

 250031

 00011B

 000000

 DA93E6

 DA93E6

 D77CE6

 DDAAE6

 D365E6

 E1C1E6

 D04EE6

 E4D8E6

 CD37E6

 E7EFE6

 C920E6

 EBFFE6

 C609E6

 EEFFE6

 C500E6

 F1FFE6

 F5FFE6

 F8FFE6

Harmonies

Analogous

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



9CA5FF



DA93E6



FC87BB

Triad

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



DA93E6



D3A64E



00C4CE

Complementary

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



DA93E6



9FE693

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.



00C39E



DA93E6



A6B453

Square

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



DA93E6



F49565



6FBE71



00BFF5

Rectangle

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



DA93E6



FF859B



6FBE71



00C4BE

Sweetspot

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



DA93E6



FBE3FF



939FE6



7D6F80



000000



808080

Same Dimension

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



DA93E6



EF91FF



E693C9



716773



9900B3



2C0033

Inverse Universe

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



E6939F



FF91A1



93E6B0



736769



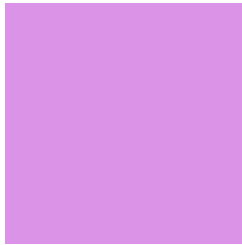
B3001A



330007

Previews

White Background



This preview shows how the Hex color DA93E6 looks on a white background.

Color Contrast Check

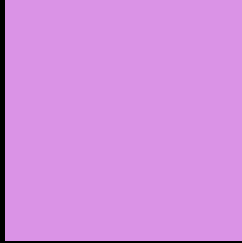
Large Text (above 18pt) WCAG AA × Fail

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 DA93E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

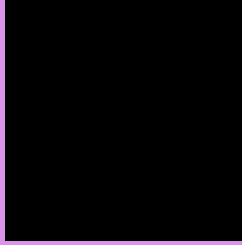
Any Text WCAG AA ✓ Pass

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 DA93E6 Background



This preview shows how black text looks on a background with the Hex color DA93E6.

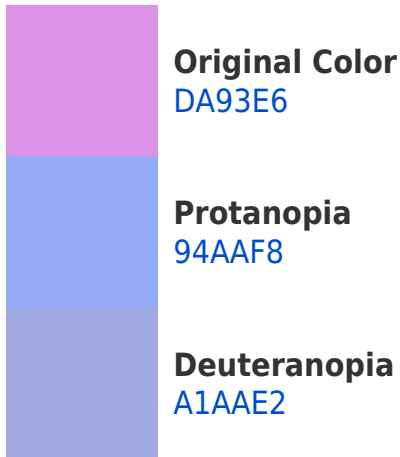


This preview shows how white text looks on a background with the Hex color DA93E6.

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
D29FAB

Trichromacy



Original Color
DA93E6



Protanomaly
ADA2F1



Deuteranomaly
B6A2E3

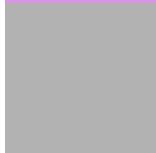


Tritanomaly
D59BC0

Monochromacy



Original Color
DA93E6



Achromatopsia
B2B2B2



Achromatomaly
C1A7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex DA93E6 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 #DA93E6 looks like.

```
.text, #text, p{  
    color:#DA93E6  
}
```

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 #DA93E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA93E6  
}
```

Border

The CSS property to change the border of an element to Hex DA93E6 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  
#DA93E6 }
```

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

```
.border{ border-color:#DA93E6 }
```

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

Here you see how a box with a 4 pixel #DA93E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA93E6; -webkit-box-shadow:4px 4px  
4px 4px #DA93E6; box-shadow:4px 4px 4px  
4px #DA93E6 }
```

Background

The CSS property to change the background color of an element to Hex DA93E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA93E6 }
```

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

```
.background{ background-color:#DA93E6 }
```

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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