

Converting Colors

Hex(DA88E4)

Have a look what the booklet for
Hex(DA88E4) contains.

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Color

Hex(DA88E4)

Conversions

Conversions Part 1

Format	Color
Hex	DA88E4
RGB	218, 136, 228
RGB Percent	85%, 53%, 89%
CMY	0.1451, 0.4667, 0.1059
CMYK	0.04, 0.40, 0.00, 0.11
HSL	293°, 63%, 71%
HSV	293°, 40%, 89%
XYZ	51.7212, 38.1152, 78.0297
YIQ	171.0060, 19.3400, 45.9960

Conversions

Conversions Part 2

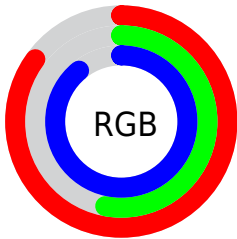
Format	Color
R _{YB}	218, 136, 228
Decimal	14321892
CIE _{Lab}	68.11, 45.68, -33.97
CIE _{LCh}	68, 56.928, 323.368
Yxy	38.1152, 0.3081, 0.2271
Android (android.graphics.Color)	4292511972 (0xFFDA88E4)
YUV	171.0060, 28.0980, 41.2137
Hunter-Lab	61.7375, 41.4995, -31.7201

Details

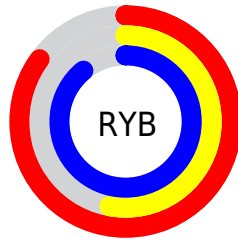
The Hex color **DA88E4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92E488**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFBFFF**, and **A154AC** is the 20% darker color. If you saturate the color by 10%, you get **D871E4**, and if you desaturate by 10%, it is **DC9FE4**.

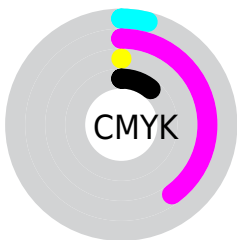
Distribution



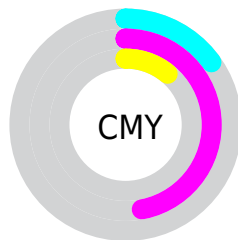
- Red (85%)
- Green (53%)
- Blue (89%)



- Red (85%)
- Yellow (53%)
- Blue (89%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA88E4 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 DA88E4 by changing the saturation by 10% instead.

 DA88E4

FFFFFF

 FFBFFF

 FFDBFF

 FFF8FF

 DA88E4

 BD6DC8

 A154AC

 863A91

 6B1F77

 51005E

 380046

 220030

 000119

 000000

 DA88E4

 DA88E4

 D871E4

 DC9FE4

 D55AE4

 DFB6E4

 D344E4

 E1CCE4

 D02DE4

 E4E3E4

 CE16E4

 E6FAE4

 CB00E4

 E9FFE4

 EBFFE4

 EEFFE4

 F0FFE4

Harmonies

Analogous

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



959DFF



DA88E4



FE79B4

Triad

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



DA88E4



CC9F3B



00BFCD

Complementary

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



DA88E4



92E488

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.



00BF98



DA88E4



9BAF42

Square

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



DA88E4



F18C54



5BBA66



00BAF8

Rectangle

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



DA88E4



FF7991



5BBA66



00BFBC

Sweetspot

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



DA88E4



FCE0FF



8893E4



7E6E80



000000



808080

Same Dimension

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



DA88E4



F285FF



E488C1



726773



9F00B3



2D0033

Inverse Universe

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



E48892



FF8592



88E4AB



736769



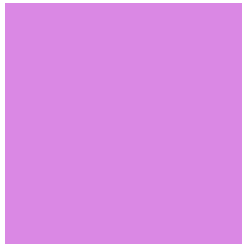
B30013



330006

Previews

White Background



This preview shows how the Hex color DA88E4 looks on a white background.

Color Contrast Check

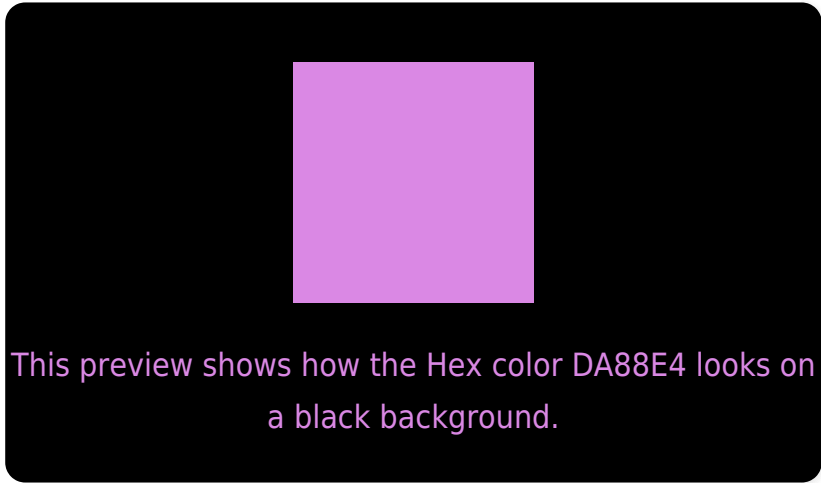
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

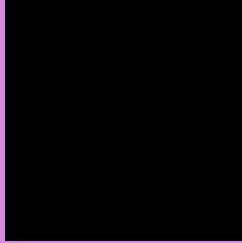
Any Text WCAG AA ✓ Pass

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 DA88E4 Background



This preview shows how black text looks on a background with the Hex color DA88E4.

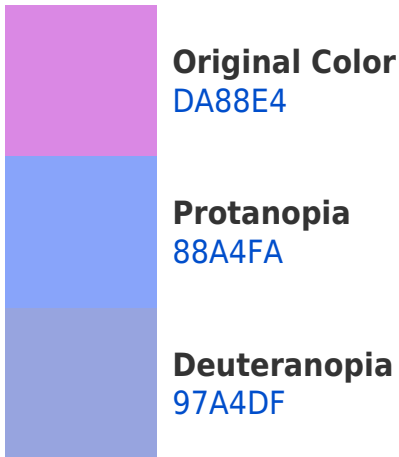



This preview shows how white text looks on a background with the Hex color DA88E4.

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
D196A2

Trichromacy



Original Color
DA88E4



Protanomaly
A69AF2



Deuteranomaly
AF9AE1

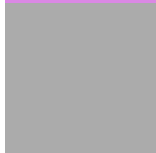


Tritanomaly
D491BA

Monochromacy



Original Color
DA88E4



Achromatopsia
ABABAB



Achromatomaly
BC9EC0

CSS Examples

Text

The CSS property to change the color of the text to Hex DA88E4 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 #DA88E4 looks like.

```
.text, #text, p{  
    color:#DA88E4  
}
```

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 #DA88E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA88E4
}
```

Border

The CSS property to change the border of an element to Hex DA88E4 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
#DA88E4 }
```

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

```
.border{ border-color:#DA88E4 }
```

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

Here you see how a box with a 4 pixel #DA88E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA88E4; -webkit-box-shadow:4px 4px  
4px 4px #DA88E4; box-shadow:4px 4px 4px  
4px #DA88E4 }
```

Background

The CSS property to change the background color of an element to Hex DA88E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA88E4 }
```

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

```
.background{ background-color:#DA88E4 }
```

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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