

Converting Colors

Hex(DE90ED)

Have a look what the booklet for
Hex(DE90ED) contains.

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Color

Hex(**DE90ED**)

Conversions

Conversions Part 1

Format	Color
Hex	DE90ED
RGB	222, 144, 237
RGB Percent	87%, 56%, 93%
CMY	0.1294, 0.4353, 0.0706
CMYK	0.06, 0.39, 0.00, 0.07
HSL	290°, 72%, 75%
HSV	290°, 39%, 93%
XYZ	55.3835, 41.5905, 85.2295
YIQ	177.9240, 16.6350, 45.4590

Conversions

Conversions Part 2

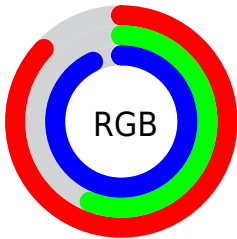
Format	Color
R _Y B	222, 144, 237
Decimal	14586093
CIE Lab	70.59, 44.40, -35.03
CIE LCh	71, 56.556, 321.727
Yxy	41.5905, 0.3040, 0.2283
Android (android.graphics.Color)	4292776173 (0xFFDE90ED)
YUV	177.9240, 29.1245, 38.6547
Hunter-Lab	64.4907, 40.4339, -33.2128

Details

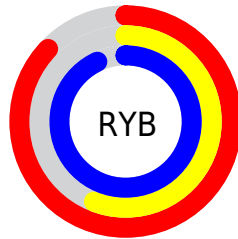
The Hex color **DE90ED** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9FED90**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC7FF**, and **A55BB5** is the 20% darker color. If you saturate the color by 10%, you get **DA78ED**, and if you desaturate by 10%, it is **E2A8ED**.

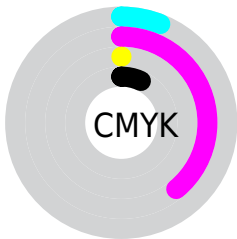
Distribution



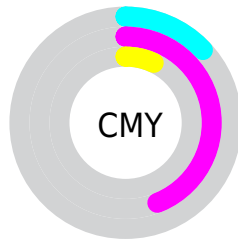
- Red (87%)
- Green (56%)
- Blue (93%)



- Red (87%)
- Yellow (56%)
- Blue (93%)



- Cyan (6%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE90ED 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 DE90ED by changing the saturation by 10% instead.

 DE90ED

 DE90ED

FFFFFF

 C175D1

 FFC7FF

 A55BB5

 FFE4FF

 8A429A

 6F287F

 550B66

 3C004E

 270037

 000020

 000004

 DE90ED

 DE90ED

 DA78ED

 E2A8ED

 D661ED

 E6BFED

 D349ED

 E9D7ED

 CF31ED

 EDEFED

 CB1AED

 F1FFED

 C702ED

 F5FFED

 C700ED

 F9FFED

 FDFFED

 FFFFED

Harmonies

Analogous

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



97A5FF



DE90ED



FF81BD

Triad

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



DE90ED



D6A543



00C6D1

Complementary

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



DE90ED



9FED90

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.



00C59C



DE90ED



A5B548

Square

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



DE90ED



FA925D



67C06A



00C1FC

Rectangle

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



DE90ED



FF809A



67C06A



00C6C0

Sweetspot

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



DE90ED



FAE0FF



90A0ED



7D6E80



000000



808080

Same Dimension

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



DE90ED



EC87FF



ED90CE



736A75



9800B5



2D0036

Inverse Universe

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



ED909F



FF879A



90EDAF



756A6B



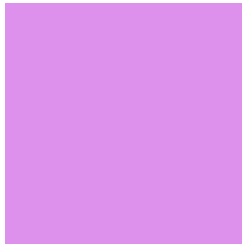
B5001D



360009

Previews

White Background



This preview shows how the Hex color DE90ED looks on a white background.

Color Contrast Check

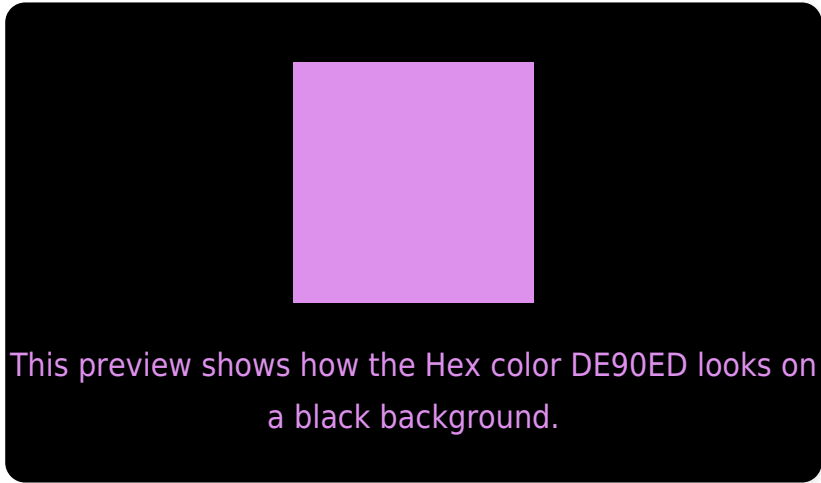
Large Text (above 18pt) WCAG AA × Fail

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 DE90ED Background



This preview shows how black text looks on a background with the Hex color DE90ED.

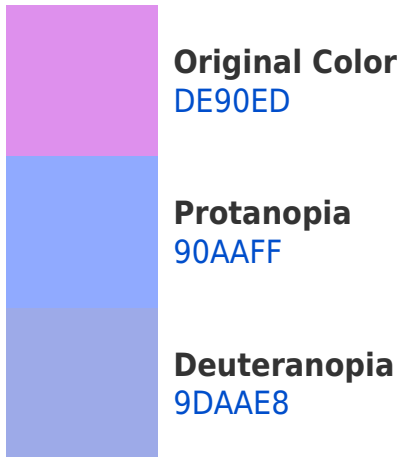


This preview shows how white text looks on a background with the Hex color DE90ED.

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
D59EAA

Trichromacy



Original Color
DE90ED



Protanomaly
ACA1F8



Deuteranomaly
B5A1EA

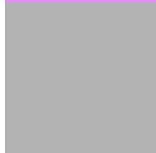


Tritanomaly
D899C2

Monochromacy



Original Color
DE90ED



Achromatopsia
B2B2B2



Achromatomaly
C2A6C7

CSS Examples

Text

The CSS property to change the color of the text to Hex DE90ED 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 #DE90ED looks like.

```
.text, #text, p{  
  color:#DE90ED  
}
```

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 #DE90ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE90ED
}
```

Border

The CSS property to change the border of an element to Hex DE90ED 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
#DE90ED }
```

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

```
.border{ border-color:#DE90ED }
```

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

Here you see how a box with a 4 pixel #DE90ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE90ED; -webkit-box-shadow:4px 4px  
4px 4px #DE90ED; box-shadow:4px 4px 4px  
4px #DE90ED }
```

Background

The CSS property to change the background color of an element to Hex DE90ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE90ED }
```

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

```
.background{ background-color:#DE90ED }
```

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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