

Converting Colors

Hex(DD94E6)

Have a look what the booklet for
Hex(DD94E6) contains.

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Color

Hex(DD94E6)

Conversions

Conversions Part 1

Format	Color
Hex	DD94E6
RGB	221, 148, 230
RGB Percent	87%, 58%, 90%
CMY	0.1333, 0.4196, 0.0980
CMYK	0.04, 0.36, 0.00, 0.10
HSL	293°, 62%, 74%
HSV	293°, 36%, 90%
XYZ	54.6916, 42.2651, 80.1383
YIQ	179.1750, 17.1860, 40.9780

Conversions

Conversions Part 2

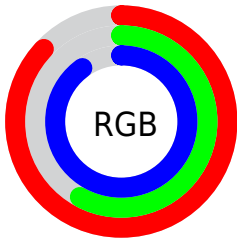
Format	Color
R _Y B	221, 148, 230
Decimal	14521574
CIE Lab	71.05, 40.65, -30.48
CIE LCh	71, 50.807, 323.132
Yxy	42.2651, 0.3088, 0.2387
Android (android.graphics.Color)	4292711654 (0xFFDD94E6)
YUV	179.1750, 25.0567, 36.6805
Hunter-Lab	65.0116, 36.3944, -27.5773

Details

The Hex color **DD94E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9DE694**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCBFF**, and **A560AE** is the 20% darker color. If you saturate the color by 10%, you get **DA7DE6**, and if you desaturate by 10%, it is **E0ABE6**.

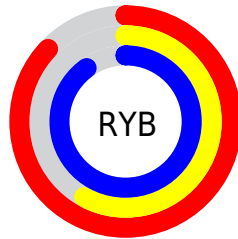
Distribution



Red (87%)

Green (58%)

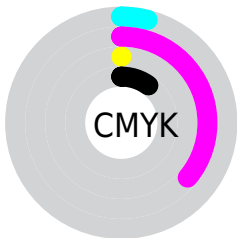
Blue (90%)



Red (87%)

Yellow (58%)

Blue (90%)

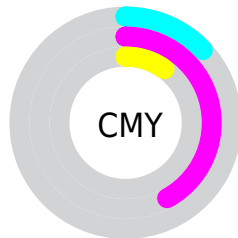


Cyan (4%)

Magenta (36%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (42%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD94E6 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 DD94E6 by changing the saturation by 10% instead.

 DD94E6

 DD94E6

FFFFFF

 C079CA

 FFCBFF

 A560AE

 FFE8FF

 894693

 6F2D79

 551360

 3C0048

 270031

 00001B

 000000

 DD94E6

 DD94E6

 DA7DE6

 E0ABE6

 D866E6

 E2C2E6

 D54FE6

 E5D9E6

 D338E6

 E7F0E6

 D021E6

 EAFFE6

 CE0AE6

 ECFFE6

 CD00E6

 EFFF6

 F1FFE6

 F4FFE6

Harmonies

Analogous

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



A0A6FF



DD94E6



FE88BB

Triad

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



DD94E6



D3A850



00C5D1

Complementary

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



DD94E6



9DE694

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.



00C5A1



DD94E6



A6B655

Square

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



DD94E6



F49765



6EC074



00C0F7

Rectangle

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



DD94E6



FF879B



6EC074



00C6C1

Sweetspot

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



DD94E6



FCE3FF



949EE6



7E6F80



000000



808080

Same Dimension

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



DD94E6



F391FF



E694C7



716773



9F00B3



2D0033

Inverse Universe

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



E6949D



FF919D



94E6B3



736769



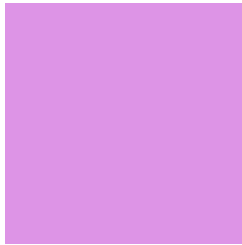
B30014



330006

Previews

White Background



This preview shows how the Hex color DD94E6 looks on a white background.

Color Contrast Check

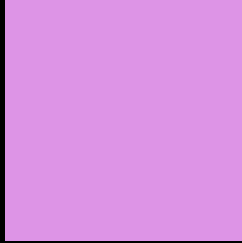
Large Text (above 18pt) WCAG AA × Fail

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 DD94E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

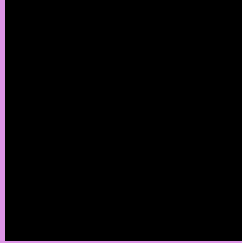
Any Text WCAG AA ✓ Pass

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 DD94E6 Background



This preview shows how black text looks on a background with the Hex color DD94E6.

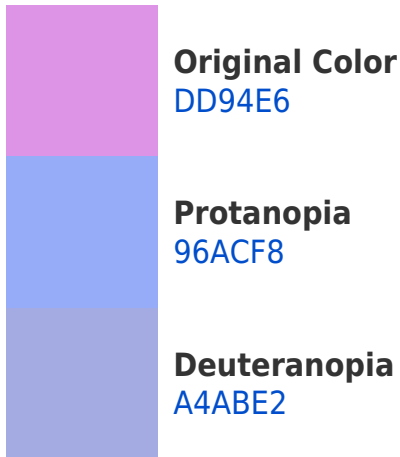


This preview shows how white text looks on a background with the Hex color DD94E6.

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
D5A0AC

Trichromacy



Original Color
DD94E6



Protanomaly
B0A3F1



Deuteranomaly
B9A3E3

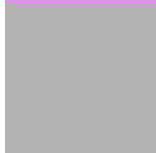


Tritanomaly
D89CC1

Monochromacy



Original Color
DD94E6



Achromatopsia
B3B3B3



Achromatomaly
C2A8C6

CSS Examples

Text

The CSS property to change the color of the text to Hex DD94E6 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 #DD94E6 looks like.

```
.text, #text, p{  
    color:#DD94E6  
}
```

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 #DD94E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD94E6
}
```

Border

The CSS property to change the border of an element to Hex DD94E6 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
#DD94E6 }
```

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

```
.border{ border-color:#DD94E6 }
```

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

Here you see how a box with a 4 pixel #DD94E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD94E6; -webkit-box-shadow:4px 4px  
4px 4px #DD94E6; box-shadow:4px 4px 4px  
4px #DD94E6 }
```

Background

The CSS property to change the background color of an element to Hex DD94E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD94E6 }
```

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

```
.background{ background-color:#DD94E6 }
```

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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