

Converting Colors

Hex(DD7DE6)

Have a look what the booklet for
Hex(DD7DE6) contains.

Hex(DD7DE6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD7DE6)

Conversions

Conversions Part 1

Format	Color
Hex	DD7DE6
RGB	221, 125, 230
RGB Percent	87%, 49%, 90%
CMY	0.1333, 0.5098, 0.0980
CMYK	0.04, 0.46, 0.00, 0.10
HSL	295°, 68%, 70%
HSV	295°, 46%, 90%
XYZ	51.4353, 35.7526, 79.0529
YIQ	165.6740, 23.5110, 53.0070

Conversions

Conversions Part 2

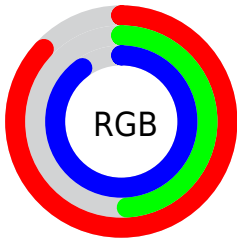
Format	Color
R_{YB}	221, 125, 230
Decimal	14515686
CIE _{Lab}	66.33, 52.58, -37.81
CIE _{LCh}	66, 64.762, 324.283
Yxy	35.7526, 0.3094, 0.2151
Android (android.graphics.Color)	4292705766 (0xFFDD7DE6)
YUV	165.6740, 31.7127, 48.5209
Hunter-Lab	59.7934, 48.9102, -36.5319

Details

The Hex color **DD7DE6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86E67D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB4FF**, and **A448AE** is the 20% darker color. If you saturate the color by 10%, you get **DB66E6**, and if you desaturate by 10%, it is **DF94E6**.

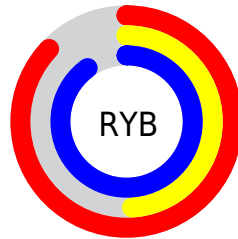
Distribution



Red (87%)

Green (49%)

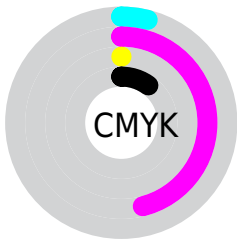
Blue (90%)



Red (87%)

Yellow (49%)

Blue (90%)

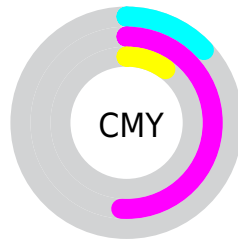


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7DE6 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 DD7DE6 by changing the saturation by 10% instead.

 DD7DE6

 DD7DE6

FFFFFF

 C062CA

 FFB4FF

 A448AE

 FFD0FF

 882C93

 FFEDFF

 6D0A79

 520060

 390047

 210031

 00011A

 000000

 DD7DE6

 DD7DE6

 DB66E6

 DF94E6

 D94FE6

 E1ABE6

 D738E6

 E3C2E6

 D521E6

 E5D9E6

 D30AE6

 E7F0E6

 D200E6

 E9FFE6

 EBFFE6

 EDFFE6

 EFFE6

Harmonies

Analogous

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



8D97FF



DD7DE6



FF6BAF

Triad

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



DD7DE6



C99B1F



00BDCF

Complementary

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



DD7DE6



86E67D

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.



00BC94



DD7DE6



91AC2B

Square

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



DD7DE6



F38343



42B75A



00B8FF

Rectangle

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



DD7DE6



FF6A88



42B75A



00BDBC

Sweetspot

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



DD7DE6



FCDBFF



7D87E6



7E6A80



000000



808080

Same Dimension

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



DD7DE6



F373FF



E67DBC



726773



A300B3



2F0033

Inverse Universe

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



E67D86



FF737F



7DE6A7



736768



B3000F



330004

Previews

White Background



This preview shows how the Hex color DD7DE6 looks on a white background.

Color Contrast Check

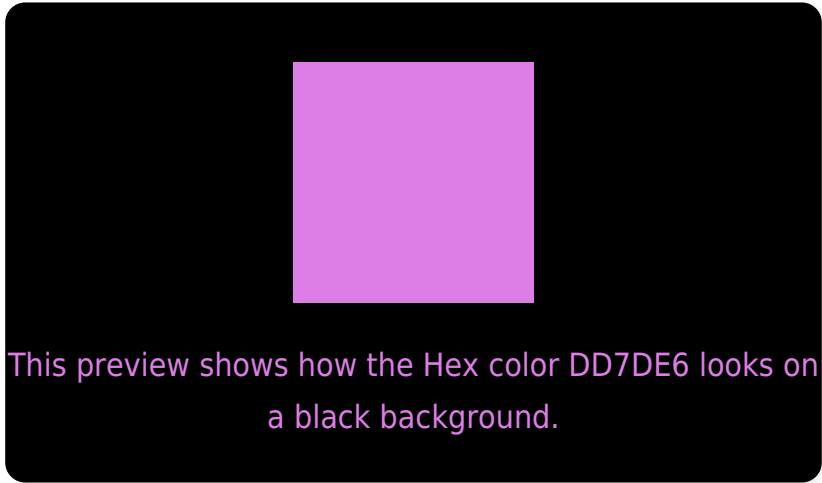
Large Text (above 18pt) WCAG AA × Fail

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

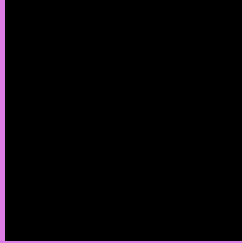
Any Text WCAG AA ✓ Pass

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 DD7DE6 Background



This preview shows how black text looks on a background with the Hex color DD7DE6.

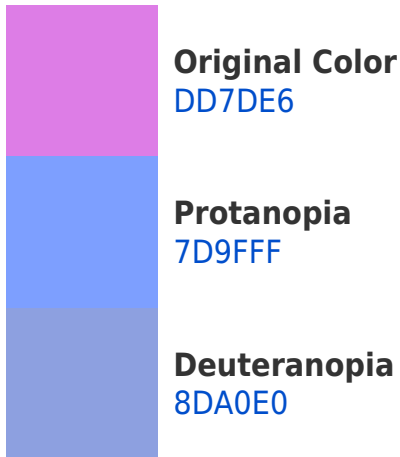


This preview shows how white text looks on a background with the Hex color DD7DE6.

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
D38F99

Trichromacy



Original Color
DD7DE6



Protanomaly
A093F6



Deuteranomaly
AA93E2



Tritanomaly
D788B5

Monochromacy



Original Color
DD7DE6



Achromatopsia
A6A6A6



Achromatomaly
BA97BD

CSS Examples

Text

The CSS property to change the color of the text to Hex DD7DE6 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 #DD7DE6 looks like.

```
.text, #text, p{  
    color:#DD7DE6  
}
```

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 #DD7DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7DE6
}
```

Border

The CSS property to change the border of an element to Hex DD7DE6 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
#DD7DE6 }
```

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

```
.border{ border-color:#DD7DE6 }
```

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

Here you see how a box with a 4 pixel #DD7DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7DE6; -webkit-box-shadow:4px 4px  
4px 4px #DD7DE6; box-shadow:4px 4px 4px  
4px #DD7DE6 }
```

Background

The CSS property to change the background color of an element to Hex DD7DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7DE6 }
```

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

```
.background{ background-color:#DD7DE6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor