

Converting Colors

Hex(D6AEE3)

Have a look what the booklet for
Hex(D6AEE3) contains.

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Color

Hex(D6AEE3)

Conversions

Conversions Part 1

Format	Color
Hex	D6AEE3
RGB	214, 174, 227
RGB Percent	84%, 68%, 89%
CMY	0.1608, 0.3176, 0.1098
CMYK	0.06, 0.23, 0.00, 0.11
HSL	285°, 49%, 79%
HSV	285°, 23%, 89%
XYZ	56.7327, 50.1143, 79.3559
YIQ	192.0020, 6.8270, 24.9630

Conversions

Conversions Part 2

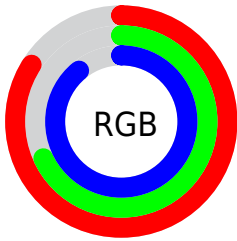
Format	Color
RYB	214, 174, 227
Decimal	14069475
CIELab	76.14, 23.83, -21.12
CIELCh	76, 31.848, 318.450
Yxy	50.1143, 0.3047, 0.2691
Android (android.graphics.Color)	4292259555 (0xFFD6AEE3)
YUV	192.0020, 17.2540, 19.2922
Hunter-Lab	70.7915, 19.1660, -16.9090

Details

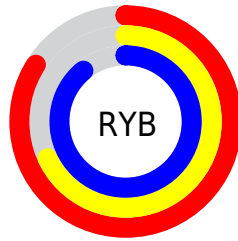
The Hex color **D6AEE3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBE3AE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE6FF**, and **9F79AC** is the 20% darker color. If you saturate the color by 10%, you get **D097E3**, and if you desaturate by 10%, it is **DCC5E3**.

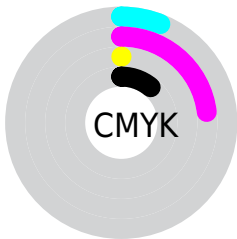
Distribution



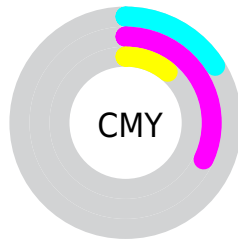
- Red (84%)
- Green (68%)
- Blue (89%)



- Red (84%)
- Yellow (68%)
- Blue (89%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6AEE3 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 D6AEE3 by changing the saturation by 10% instead.

 D6AEE3

 D6AEE3

FFFFFF

 BA93C7

 FFE6FF

 9F79AC

 846091

 6B4877

 52315E

 3A1B46

 230530

 02001B

 000000

 D6AEE3

 D6AEE3

 D097E3

 DCC5E3

 CB81E3

 E1DBE3

 C56AE3

 E7F2E3

 C053E3

 ECFFE3

 BA3CE3

 F2FFE3

 B526E3

 F7FFE3

 AF0FE3

 FDFFE3

 AB00E3

 FFFFE3

Harmonies

Analogous

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



B0B8F3



D6AEE3



EFA7C8

Triad

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



D6AEE3



DBB682



61CCCD

Complementary

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



D6AEE3



BBE3AE

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.



7BCBAF



D6AEE3



BEC083

Square

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



D6AEE3



EFAC91



9CC794



63C9E7

Rectangle

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



D6AEE3



F6A6B4



9CC794



68CCC3

Sweetspot

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



D6AEE3



FBEDFF



AEBBE3



7D7580



000000



808080

Same Dimension

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



D6AEE3



EDB8FF



E3AED6



706773



8700B3



260033

Inverse Universe

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



E3AEBB



FFB8C9



AEE3BB



73676A



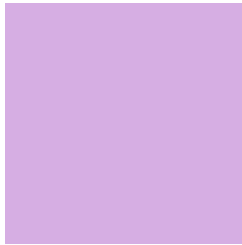
B3002C



33000D

Previews

White Background



This preview shows how the Hex color D6AEE3 looks on a white background.

Color Contrast Check

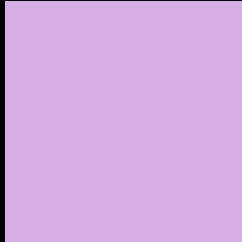
Large Text (above 18pt) WCAG AA × Fail

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 D6AEE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

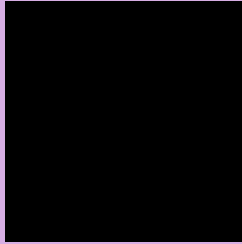
Any Text WCAG AA ✓ Pass

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 D6AEE3 Background



This preview shows how black text looks on a background with the Hex color D6AEE3.

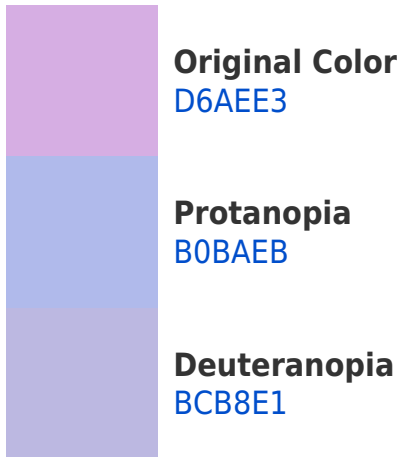


This preview shows how white text looks on a background with the Hex color D6AEE3.

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
D1B4C2

Trichromacy



Original Color
D6AEE3

Protanomaly
BEB6E8

Deuteranomaly
C5B4E2

Tritanomaly
D3B2CE

Monochromacy



Original Color
D6AEE3

Achromatopsia
C0C0C0

Achromatomaly
C8B9CD

CSS Examples

Text

The CSS property to change the color of the text to Hex D6AEE3 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 #D6AEE3 looks like.

```
.text, #text, p{  
    color:#D6AEE3  
}
```

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 #D6AEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6AEE3
}
```

Border

The CSS property to change the border of an element to Hex D6AEE3 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
#D6AEE3 }
```

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

```
.border{ border-color:#D6AEE3 }
```

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

Here you see how a box with a 4 pixel #D6AEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6AEE3; -webkit-box-shadow:4px 4px  
4px 4px #D6AEE3; box-shadow:4px 4px 4px  
4px #D6AEE3 }
```

Background

The CSS property to change the background color of an element to Hex D6AEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6AEE3 }
```

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

```
.background{ background-color:#D6AEE3 }
```

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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