

# Converting Colors

Hex(DDCBEE)

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

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

# **Color**

**Hex(DDCBEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDCBEE
RGB	221, 203, 238
RGB Percent	87%, 80%, 93%
CMY	0.1333, 0.2039, 0.0667
CMYK	0.07, 0.15, 0.00, 0.07
HSL	271°, 51%, 86%
HSV	271°, 15%, 93%
XYZ	66.6073, 64.2571, 89.7812
YIQ	212.3720, -0.5070, 14.7010

# Conversions

## Conversions Part 2

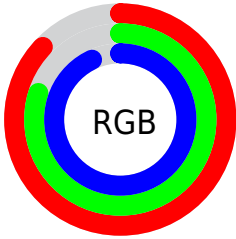
Format	Color
R <sub>Y</sub> B	221, 203, 238
Decimal	14535662
CIE Lab	84.10, 12.65, -14.96
CIE LCh	84, 19.594, 310.228
Yxy	64.2571, 0.3019, 0.2912
Android (android.graphics.Color)	4292725742 (0xFFDDCBEE)
YUV	212.3720, 12.6346, 7.5668
Hunter-Lab	80.1605, 8.0392, -10.2935

# Details

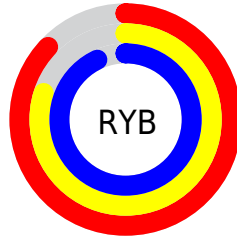
The Hex color **DDCBEE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DCEECB**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **A695B6** is the 20% darker color. If you saturate the color by 10%, you get **D1B3EE**, and if you desaturate by 10%, it is **E9E3EE**.

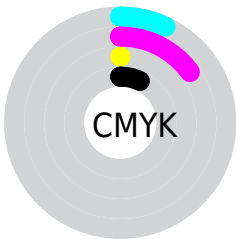
# Distribution



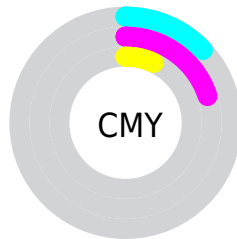
- Red (87%)
- Green (80%)
- Blue (93%)



- Red (87%)
- Yellow (80%)
- Blue (93%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (20%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 DDCBEE

FFFFFF

 DDCBEE

 C1B0D2

 A695B6

 8B7B9B

 726281

 594A68

 413450

 2B1E39

 170723

 00000C

 DDCBEE

 DDCBEE

 D1B3EE

 E9E3EE

 C69BEE

 F4FBEE

 BA84EE

 FFFFEE

 AF6CEE

 A354EE

 983CEE

 8C24EE

 810DEE

 7A00EE

# Harmonies

## Analogous

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



C5D1F6



DDCBEE



EFC6DF

# Triad

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



DDCBEE



ECCCB0



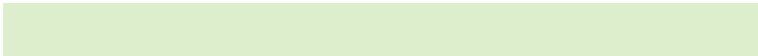
A3DDD8

# Complementary

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



DDCBEE



DCEECB

# 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.



B1DCC5



DDCBEE



DAD3AD

# Square

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



DDCBEE



F7C7BB



C5D8B5



A2DBE9

# Rectangle

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



DDCBEE



F6C5D2



C5D8B5



A7DDD1



# Sweetspot

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



DDCBEE



FAF5FF



CBDCEE



7C7980



000000



808080



# Same Dimension

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



DDCBEE



E9D1FF



EECBEE



726C78



5E00B8



1D0038



# Inverse Universe

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



EECBDC



FFD1E7



CBEECB



786C72



B80059

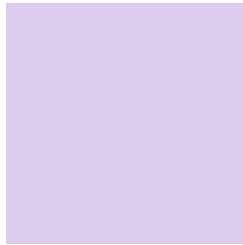


38001B



# Previews

## White Background



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

## Color Contrast Check

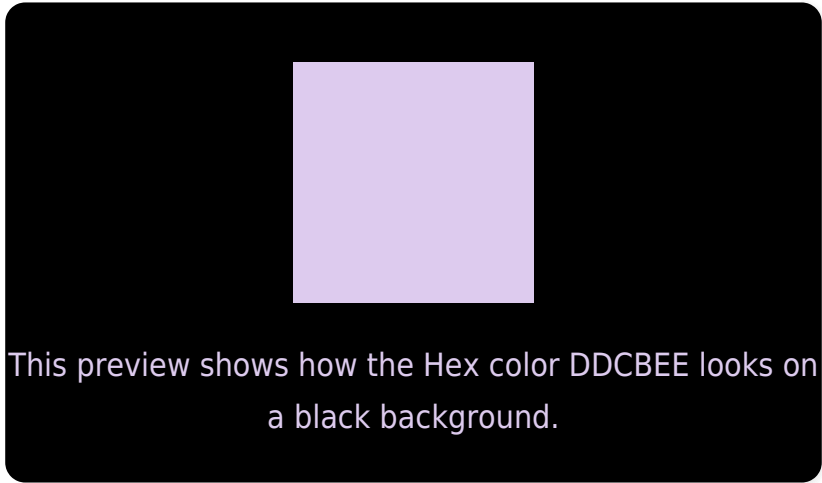
Large Text (above 18pt) WCAG AA × Fail

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

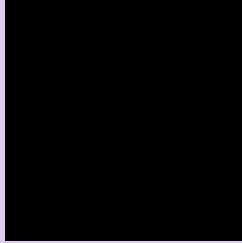
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDCBEE Background



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

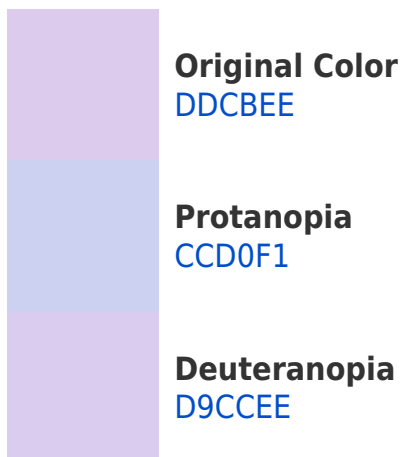


This preview shows how white text looks on a background with the Hex color DDCBEE.

# 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





# Trichromacy



**Original Color**  
DDCBEE

**Protanomaly**  
D2CEF0

**Deuteranomaly**  
DACCEE

**Tritanomaly**  
DBCDE4

# Monochromacy



**Original Color**  
DDCBEE

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D7D1DD

# CSS Examples

## Text

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

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

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 #DDCBEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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