

# Converting Colors

Hex(DDCBE3)

Have a look what the booklet for  
Hex(DDCBE3) contains.

<b>Hex(DDCBE3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DDCBE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDCBE3
RGB	221, 203, 227
RGB Percent	87%, 80%, 89%
CMY	0.1333, 0.2039, 0.1098
CMYK	0.03, 0.11, 0.00, 0.11
HSL	285°, 30%, 84%
HSV	285°, 11%, 89%
XYZ	65.0399, 63.6301, 81.5269
YIQ	211.1180, 3.0240, 11.2800

# Conversions

## Conversions Part 2

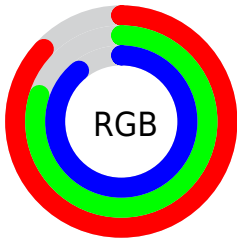
Format	Color
R <sub>Y</sub> B	221, 203, 227
Decimal	14535651
CIE Lab	83.77, 10.55, -9.59
CIE LCh	84, 14.258, 317.733
Yxy	63.6301, 0.3094, 0.3027
Android (android.graphics.Color)	4292725731 (0xFFDDCBE3)
YUV	211.1180, 7.8298, 8.6665
Hunter-Lab	79.7685, 5.9466, -4.7591

# Details

The Hex color **DDCBE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D1E3CB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **A695AC** is the 20% darker color. If you saturate the color by 10%, you get **D7B4E3**, and if you desaturate by 10%, it is **E3E2E3**.

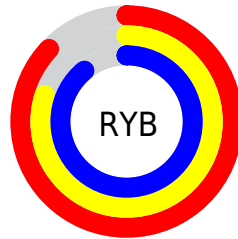
# Distribution



Red (87%)

Green (80%)

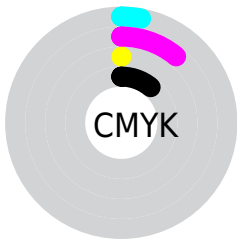
Blue (89%)



Red (87%)

Yellow (80%)

Blue (89%)

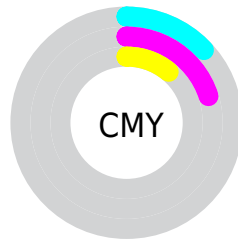


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (20%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDCBE3 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 DDCBE3 by changing the saturation by 10% instead.



■ DDCBE3

FFFFFF

■ DDCBE3

■ C1B0C7

■ A695AC

■ 8B7B91

■ 726277

■ 594A5F

■ 423447

■ 2C1E31

■ 18061C

■ 000000

 DDCBE3

 DDCBE3

 D7B4E3

 E3E2E3

 D29EE3

 E8F8E3

 CC87E3

 EEFFE3

 C670E3

 F4FFE3

 C159E3

 F9FFE3

 BB43E3

 FFFFE3

 B52CE3

 B015E3

 AA00E3

# Harmonies

## Analogous

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



CDCFEA



DDCBE3



E9C8D7

# Triad

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



DDCBE3



E1CEB7



AFD9D8

# Complementary

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



DDCBE3



D1E3CB

# 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.



B6D8CB



DDCBE3



D3D2B7

# Square

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



DDCBE3



EBCABD



C4D6BF



B1D7E4

# Rectangle

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



DDCBE3



EDC8CE



C4D6BF



B1D9D4



# Sweetspot

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



DDCBE3



FDF7FF



CBD1E3



7E7A80



000000



808080



# Same Dimension

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



DDCBE3



F7DEFF



E3CBDD



706773



8600B3



260033



# Inverse Universe

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



E3CBD1



FFDEE6



CBE3D1



73676A



B3002D

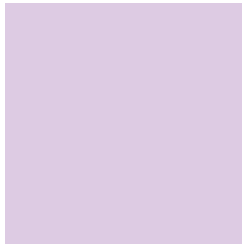


33000D



# Previews

## White Background



This preview shows how the Hex color DDCBE3 looks on a white background.

## Color Contrast Check

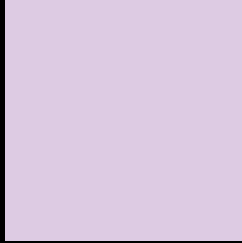
Large Text (above 18pt) WCAG AA × Fail

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 DDCBE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

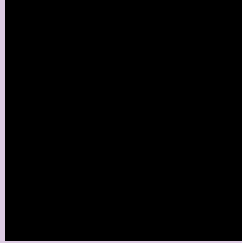
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDCBE3 Background



This preview shows how black text looks on a background with the Hex color DDCBE3.



This preview shows how white text looks on a background with the Hex color DDCBE3.

# 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



**Original Color**  
DDCBE3

**Protanopia**  
CECFE6

**Deuteranopia**  
DDCBE3



# Trichromacy



**Original Color**  
DDCBE3

**Protanomaly**  
D3CEE5

**Deuteranomaly**  
DDCBE3

**Tritanomaly**  
DCCCDF

# Monochromacy



**Original Color**  
DDCBE3

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D7D0D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDCBE3 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 #DDCBE3 looks like.

```
.text, #text, p{  
    color:#DDCBE3  
}
```

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 #DDCBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCBE3
}
```

## Border

The CSS property to change the border of an element to Hex DDCBE3 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
#DDCBE3 }
```

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

```
.border{ border-color:#DDCBE3 }
```

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

Here you see how a box with a 4 pixel #DDCBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCBE3; -webkit-box-shadow:4px 4px  
4px 4px #DDCBE3; box-shadow:4px 4px 4px  
4px #DDCBE3 }
```

# Background

The CSS property to change the background color of an element to Hex DDCBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCBE3 }
```

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

```
.background{ background-color:#DDCBE3 }
```

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