

Converting Colors

Hex(DE3ABE)

Have a look what the booklet for
Hex(DE3ABE) contains.

Hex(DE3ABE)	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(**DE3ABE**)

Conversions

Conversions Part 1

Format	Color
Hex	DE3ABE
RGB	222, 58, 190
RGB Percent	87%, 23%, 75%
CMY	0.1294, 0.7725, 0.2549
CMYK	0.00, 0.74, 0.14, 0.13
HSL	312°, 71%, 55%
HSV	312°, 74%, 87%
XYZ	40.9315, 22.2734, 50.8571
YIQ	122.0840, 55.3720, 75.8200

Conversions

Conversions Part 2

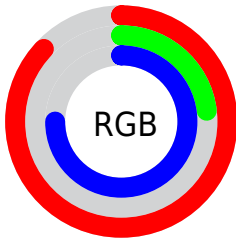
Format	Color
R_{YB}	222, 58, 190
Decimal	14564030
CIE _{Lab}	54.32, 74.49, -33.94
CIE _{LCh}	54, 81.863, 335.504
Yxy	22.2734, 0.3589, 0.1953
Android (android.graphics.Color)	4292754110 (0xFFDE3ABE)
YUV	122.0840, 33.4826, 87.6263
Hunter-Lab	47.1947, 72.2206, -30.8547

Details

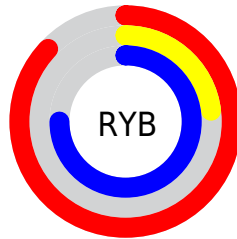
The Hex color **DE3ABE** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **3ADE5A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF78F7**, and **A30088** is the 20% darker color. If you saturate the color by 10%, you get **DE24BA**, and if you desaturate by 10%, it is **DE50C2**.

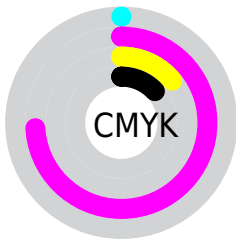
Distribution



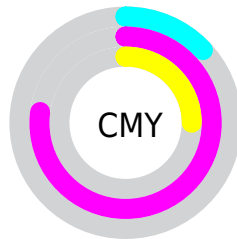
- Red (87%)
- Green (23%)
- Blue (75%)



- Red (87%)
- Yellow (23%)
- Blue (75%)



- Cyan (0%)
- Magenta (74%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (77%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3ABE 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 DE3ABE by changing the saturation by 10% instead.

 DE3ABE

 DE3ABE

FFFFFF

 C009A3

 FF78F7

 A30088

 FF96FF

 86006E

 FFB3FF

 690056

 FFD1FF

 4E003E

 FFEFFF

 320027

 0A0010

 000000

 DE3ABE

 DE3ABE

 DE24BA

 DE50C2

 DE0EB5

 DE66C7

 DE00B3

 DE7DCB

 DE93CF

 DEA9D4

 DEBFD8

 DED5DC

 DEECE1

 DEFFE5

Harmonies

Analogous

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



8E68F7



DE3ABE



FA1478

Triad

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



DE3ABE



928300



009FD3

Complementary

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



DE3ABE



3ADE5A

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.



00A08E



DE3ABE



449400

Square

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



DE3ABE



CB6700



009C43



0099FF

Rectangle

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



DE3ABE



F82D4A



009C43



00A0BD

Sweetspot

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



DE3ABE



FFC7F4



583ADE



805E79



000000



808080

Same Dimension

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



DE3ABE



FF1CD3



DE3A6E



70656E



B0008E



300027

Inverse Universe

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



DE3ABE



FF1CD3



3ADEAA



70656E



B0008E



300027

Previews

White Background



This preview shows how the Hex color DE3ABE looks on a white background.

Color Contrast Check

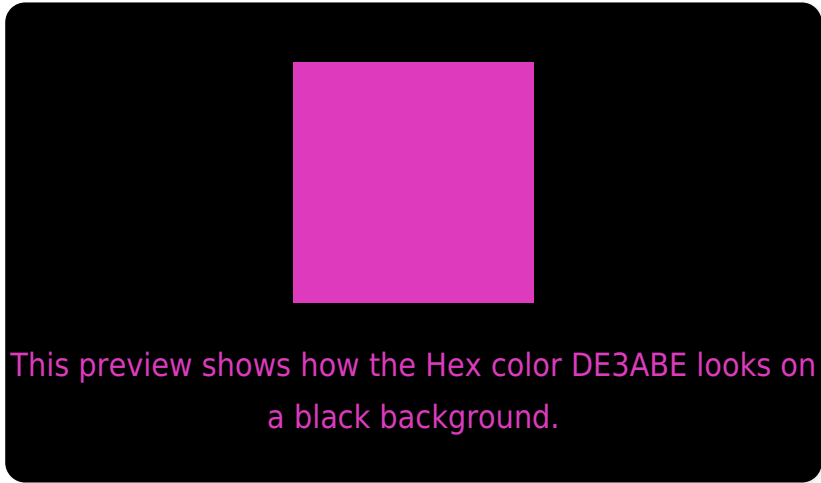
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex DE3ABE Background



This preview shows how black text looks on a background with the Hex color DE3ABE.



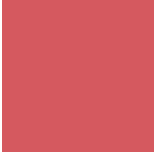
This preview shows how white text looks on a background with the Hex color DE3ABE.

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
D5595F

Trichromacy



Original Color
DE3ABE



Protanomaly
7965E3



Deuteranomaly
9967B8



Tritanomaly
D84E82

Monochromacy



Original Color
DE3ABE



Achromatopsia
7A7A7A



Achromatomaly
9E6393

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3ABE 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 #DE3ABE looks like.

```
.text, #text, p{  
    color:#DE3ABE  
}
```

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 #DE3ABE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3ABE
}
```

Border

The CSS property to change the border of an element to Hex DE3ABE 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
#DE3ABE }
```

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

```
.border{ border-color:#DE3ABE }
```

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

Here you see how a box with a 4 pixel #DE3ABE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3ABE; -webkit-box-shadow:4px 4px  
4px 4px #DE3ABE; box-shadow:4px 4px 4px  
4px #DE3ABE }
```

Background

The CSS property to change the background color of an element to Hex DE3ABE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3ABE }
```

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

```
.background{ background-color:#DE3ABE }
```

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