

Converting Colors

Hex(DE35AB)

Have a look what the booklet for
Hex(DE35AB) contains.

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Color

Hex(DE35AB)

Conversions

Conversions Part 1

Format	Color
Hex	DE35AB
RGB	222, 53, 171
RGB Percent	87%, 21%, 67%
CMY	0.1294, 0.7922, 0.3294
CMYK	0.00, 0.76, 0.23, 0.13
HSL	318°, 72%, 54%
HSV	318°, 76%, 87%
XYZ	38.7480, 21.0161, 40.5423
YIQ	116.9830, 62.8460, 72.5260

Conversions

Conversions Part 2

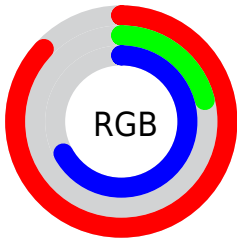
Format	Color
R_{YB}	222, 53, 171
Decimal	14562731
CIE _{Lab}	52.97, 73.47, -24.98
CIE _{LCh}	53, 77.601, 341.225
Yxy	21.0161, 0.3863, 0.2095
Android (android.graphics.Color)	4292752811 (0xFFDE35AB)
YUV	116.9830, 26.6304, 92.0999
Hunter-Lab	45.8433, 70.6473, -20.3439

Details

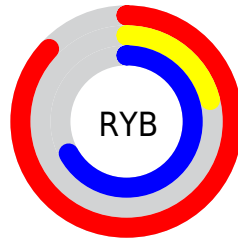
The Hex color **DE35AB** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **35DE68**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74E3**, and **A20076** is the 20% darker color. If you saturate the color by 10%, you get **DE1FA4**, and if you desaturate by 10%, it is **DE4BB2**.

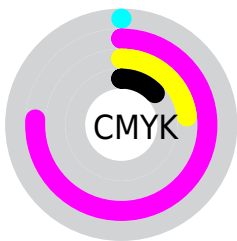
Distribution



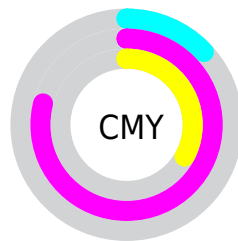
- Red (87%)
- Green (21%)
- Blue (67%)



- Red (87%)
- Yellow (21%)
- Blue (67%)



- Cyan (0%)
- Magenta (76%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (79%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE35AB 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 DE35AB by changing the saturation by 10% instead.

 DE35AB

 DE35AB

FFFFFF

 C00090

 FF74E3

 A20076

 FF92FF

 85005E

 FFAFFF

 680046

 FFCDFE

 4D002F

 FFEAFF

 31001A

 000000

 DE35AB

 DE35AB

 DE1FA4

 DE4BB2

 DE099E

 DE61B8

 DE009B

 DE78BF

 DE8EC6

 DEA4CC

 DEBAD3

 DED0DA

 DEE7E1

 DEFDE7

Harmonies

Analogous

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



9E5FE4



DE35AB



F22369

Triad

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



DE35AB



838400



009AD6

Complementary

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



DE35AB



35DE68

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.



009B97



DE35AB



309200

Square

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



DE35AB



BB6B00



009950



0092FE

Rectangle

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



DE35AB



EB3A3E



009950



009BC2

Sweetspot

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



DE35AB



FFC4ED



6835DE



805C75



000000



808080

Same Dimension

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



DE35AB



FF17B9



DE3557



70656D



B0007B



300022

Inverse Universe

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



DE35AB



FF17B9



35DEBC



70656D



B0007B



300022

Previews

White Background



This preview shows how the Hex color DE35AB 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 DE35AB Background



This preview shows how black text looks on a background with the Hex color DE35AB.

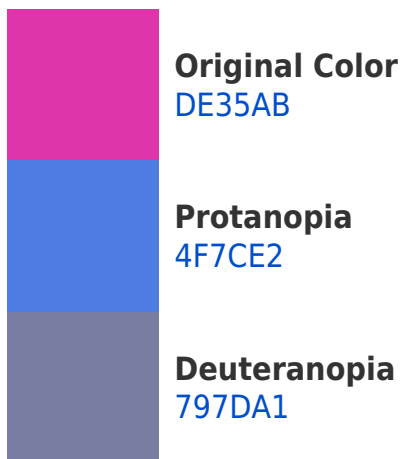


This preview shows how white text looks on a background with the Hex color DE35AB.

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
D75156

Trichromacy



Original Color
DE35AB



Protanomaly
8362CE



Deuteranomaly
9E63A5



Tritanomaly
DA4775

Monochromacy



Original Color
DE35AB



Achromatopsia
757575



Achromatomaly
9B5E89

CSS Examples

Text

The CSS property to change the color of the text to Hex DE35AB 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 #DE35AB looks like.

```
.text, #text, p{  
    color:#DE35AB  
}
```

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 #DE35AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE35AB
}
```

Border

The CSS property to change the border of an element to Hex DE35AB 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
#DE35AB }
```

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

```
.border{ border-color:#DE35AB }
```

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

Here you see how a box with a 4 pixel #DE35AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE35AB; -webkit-box-shadow:4px 4px  
4px 4px #DE35AB; box-shadow:4px 4px 4px  
4px #DE35AB }
```

Background

The CSS property to change the background color of an element to Hex DE35AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE35AB }
```

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

```
.background{ background-color:#DE35AB }
```

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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