

# Converting Colors

Hex(DE34C7)

Have a look what the booklet for  
Hex(DE34C7) contains.

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**Color**

**Hex(DE34C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE34C7
RGB	222, 52, 199
RGB Percent	87%, 20%, 78%
CMY	0.1294, 0.7961, 0.2196
CMYK	0.00, 0.77, 0.10, 0.13
HSL	308°, 72%, 54%
HSV	308°, 77%, 87%
XYZ	41.6610, 22.1091, 56.1045
YIQ	119.5880, 54.1330, 81.7570

# Conversions

## Conversions Part 2

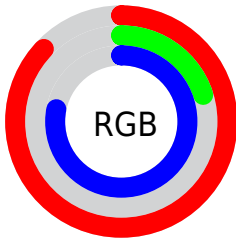
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 52, 199
Decimal	14562503
CIE Lab	54.14, 77.47, -39.40
CIE LCh	54, 86.917, 333.041
Yxy	22.1091, 0.3475, 0.1844
Android (android.graphics.Color)	4292752583 (0xFFDE34C7)
YUV	119.5880, 39.1501, 89.8153
Hunter-Lab	47.0203, 75.8692, -37.8305

# Details

The Hex color **DE34C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **34DE4B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF75FF**, and **A30091** is the 20% darker color. If you saturate the color by 10%, you get **DE1EC4**, and if you desaturate by 10%, it is **DE4ACA**.

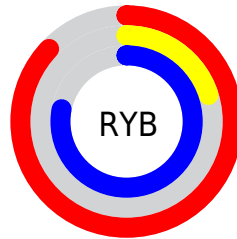
# Distribution



Red (87%)

Green (20%)

Blue (78%)



Red (87%)

Yellow (20%)

Blue (78%)

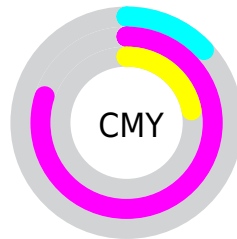


Cyan (0%)

Magenta (77%)

Yellow (10%)

Black (13%)



Cyan (13%)

Magenta (80%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE34C7 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 DE34C7 by changing the saturation by 10% instead.



 DE34C7

 DE34C7

FFFFFF

 C000AB

 FF75FF

 A30091

 FF92FF

 860076

 FFB0FF

 69005D

 FFCEFF

 4D0045

 FFECFF

 32002E

 0A0018

 000000

 DE34C7

 DE34C7

 DE1EC4

 DE4ACA

 DE08C1

 DE60CD

 DE00C0

 DE77D0

 DE8DD3

 DEA3D6

 DEB9D9

 DECFDC

 DEE6DF

 DEFCE2

# Harmonies

## Analogous

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



8169FF



DE34C7



FF007D

# Triad

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



DE34C7



978100



00A0D2

# Complementary

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



DE34C7



34DE4B

# 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.



00A087



DE34C7



469300

# Square

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



DE34C7



D16200



009C37



009AFF

# Rectangle

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



DE34C7



FE134C



009C37



00A1BB



# Sweetspot

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



DE34C7



FFC4F7



4B34DE



805C7B



000000



808080



# Same Dimension

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



DE34C7



FF14DF



DE3472



70656F



B00098



30002A



# Inverse Universe

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



DE34C7



FF14DF



34DEA0



70656F



B00098



30002A



# Previews

## White Background



This preview shows how the Hex color DE34C7 looks on a white background.

## Color Contrast Check

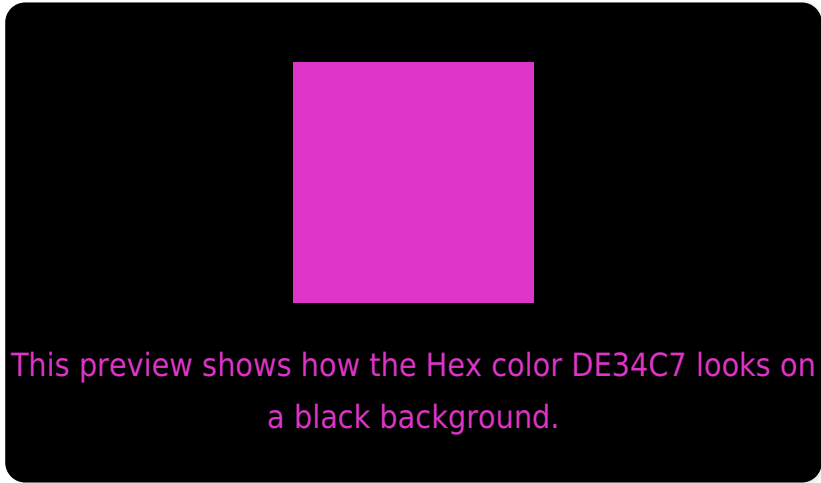
Large Text (above 18pt) WCAG AA ✓ Pass

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

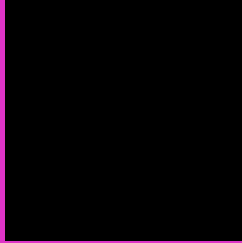
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DE34C7 Background



This preview shows how black text looks on a background with the Hex color DE34C7.

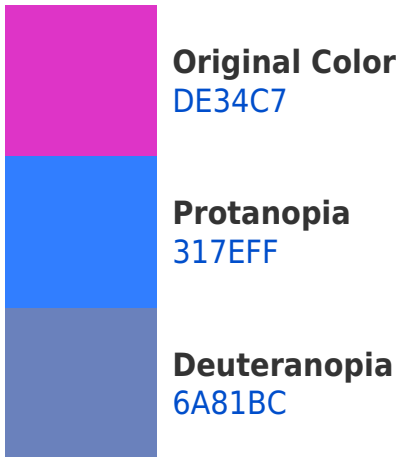


This preview shows how white text looks on a background with the Hex color DE34C7.

# 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](#).

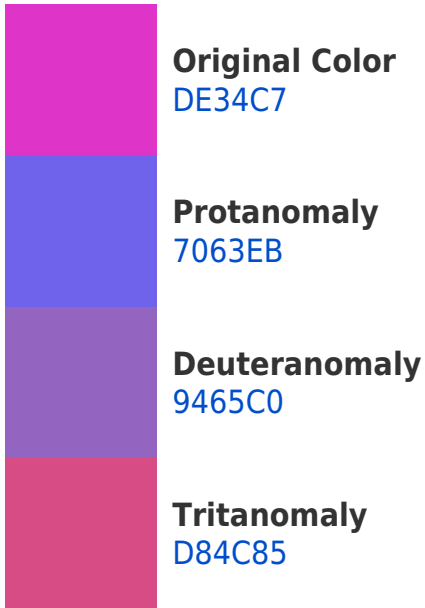
## Dichromacy





**Tritanopia**  
D45A5F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE34C7 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 #DE34C7 looks like.

```
.text, #text, p{  
    color:#DE34C7  
}
```

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 #DE34C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE34C7
}
```

## Border

The CSS property to change the border of an element to Hex DE34C7 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
#DE34C7 }
```

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

```
.border{ border-color:#DE34C7 }
```

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

Here you see how a box with a 4 pixel #DE34C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE34C7; -webkit-box-shadow:4px 4px  
4px 4px #DE34C7; box-shadow:4px 4px 4px  
4px #DE34C7 }
```

# Background

The CSS property to change the background color of an element to Hex DE34C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE34C7 }
```

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

```
.background{ background-color:#DE34C7 }
```

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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