

# Converting Colors

Hex(DE5AE7)

Have a look what the booklet for  
Hex(DE5AE7) contains.

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# Color

**Hex(DE5AE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE5AE7
RGB	222, 90, 231
RGB Percent	87%, 35%, 91%
CMY	0.1294, 0.6471, 0.0941
CMYK	0.04, 0.61, 0.00, 0.09
HSL	296°, 75%, 63%
HSV	296°, 61%, 91%
XYZ	48.2042, 28.6114, 78.5832
YIQ	145.5420, 33.4110, 71.8350

# Conversions

## Conversions Part 2

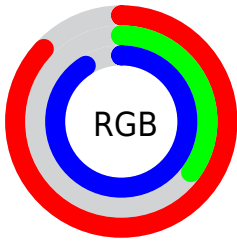
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 90, 231
Decimal	14572263
CIE Lab	60.44, 69.27, -47.61
CIE LCh	60, 84.050, 325.497
Yxy	28.6114, 0.3102, 0.1841
Android (android.graphics.Color)	4292762343 (0xFFDE5AE7)
YUV	145.5420, 42.1308, 67.0537
Hunter-Lab	53.4897, 67.2549, -49.6619

# Details

The Hex color **DE5AE7** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **63E75A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF93FF**, and **A317AF** is the 20% darker color. If you saturate the color by 10%, you get **DD43E7**, and if you desaturate by 10%, it is **DF71E7**.

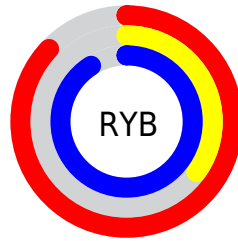
# Distribution



Red (87%)

Green (35%)

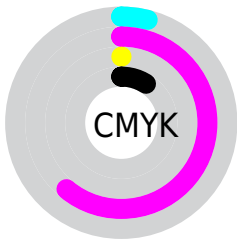
Blue (91%)



Red (87%)

Yellow (35%)

Blue (91%)

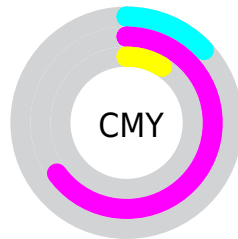


Cyan (4%)

Magenta (61%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (65%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE5AE7 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 DE5AE7 by changing the saturation by 10% instead.



 DE5AE7

FFFFFF

 FF93FF

 FFB0FF

 FFCDFD

 FFE8FF

 DE5AE7

 C03CCB

 A317AF

 870094

 6B0079

 4F0060

 360048

 170030

 00011A

 000000

 DE5AE7

 DE5AE7

 DD43E7

 DF71E7

 DB2CE7

 E188E7

 DA15E7

 E29FE7

 D800E7

 E4B6E7

 E5CEE7

 E7E5E7

 E8FCE7

 EAFFE7

 EBFFE7

# Harmonies

## Analogous

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



6E83FF



DE5AE7



FF32A0

# Triad

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



DE5AE7



B98B00



00B2D0

# Complementary

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



DE5AE7



63E75A

# 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.



00B184



DE5AE7



73A000

# Square

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



DE5AE7



EF6A00



00AC34



00ADFF

# Rectangle

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



DE5AE7



FF346F



00AC34



00B2B7



# Sweetspot

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



DE5AE7



FCD1FF



5A63E7



7E6380



000000



808080



# Same Dimension

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



DE5AE7



F345FF



E75AAA



726773



A700B3



300033



# Inverse Universe

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



E75A63



FF4551



5AE797



736768



B3000B



330003



# Previews

## White Background



This preview shows how the Hex color DE5AE7 looks on a white background.

## Color Contrast Check

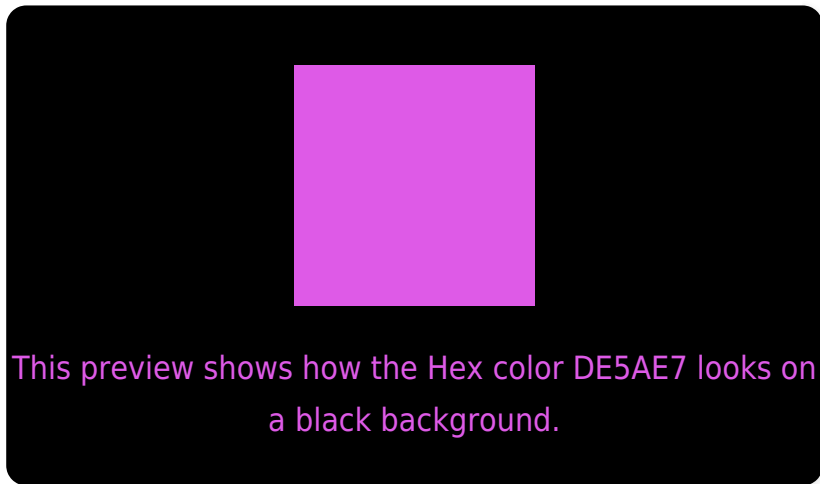
Large Text (above 18pt) WCAG AA ✓ Pass

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

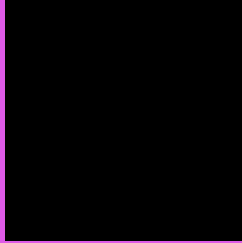
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DE5AE7 Background



This preview shows how black text looks on a background with the Hex color DE5AE7.

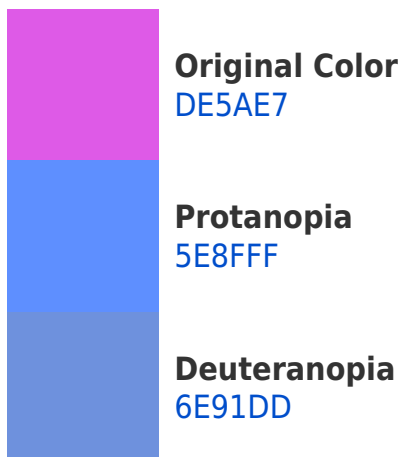



This preview shows how white text looks on a background with the Hex color DE5AE7.

# 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**  
D17780

# Trichromacy



**Original Color**  
DE5AE7



**Protanomaly**  
8D7CF6



**Deuteranomaly**  
977DE1



**Tritanomaly**  
D66CA5

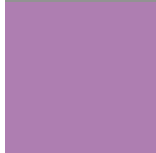
# Monochromacy



**Original Color**  
DE5AE7



**Achromatopsia**  
929292



**Achromatomaly**  
AE7EB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE5AE7 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 #DE5AE7 looks like.

```
.text, #text, p{  
    color:#DE5AE7  
}
```

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 #DE5AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5AE7
}
```

## Border

The CSS property to change the border of an element to Hex DE5AE7 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
#DE5AE7 }
```

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

```
.border{ border-color:#DE5AE7 }
```

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

Here you see how a box with a 4 pixel #DE5AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5AE7; -webkit-box-shadow:4px 4px  
4px 4px #DE5AE7; box-shadow:4px 4px 4px  
4px #DE5AE7 }
```

# Background

The CSS property to change the background color of an element to Hex DE5AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5AE7 }
```

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

```
.background{ background-color:#DE5AE7 }
```

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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