

Converting Colors

Hex(DE5DE9)

Have a look what the booklet for
Hex(DE5DE9) contains.

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Color

Hex(**DE5DE9**)

Conversions

Conversions Part 1

Format	Color
Hex	DE5DE9
RGB	222, 93, 233
RGB Percent	87%, 36%, 91%
CMY	0.1294, 0.6353, 0.0863
CMYK	0.05, 0.60, 0.00, 0.09
HSL	295°, 76%, 64%
HSV	295°, 60%, 91%
XYZ	48.7465, 29.2415, 80.1657
YIQ	147.5310, 31.9440, 70.8880

Conversions

Conversions Part 2

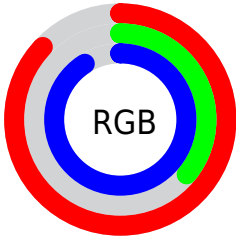
Format	Color
R _Y B	222, 93, 233
Decimal	14573033
CIE _{Lab}	60.99, 68.35, -47.85
CIE _{LCh}	61, 83.436, 325.009
Yxy	29.2415, 0.3082, 0.1849
Android (android.graphics.Color)	4292763113 (0xFFDE5DE9)
YUV	147.5310, 42.1362, 65.3093
Hunter-Lab	54.0754, 66.2777, -50.0435

Details

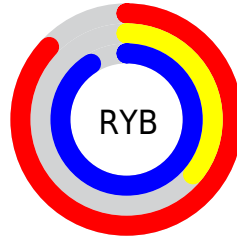
The Hex color **DE5DE9** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **68E95D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF96FF**, and **A41DB1** is the 20% darker color. If you saturate the color by 10%, you get **DC46E9**, and if you desaturate by 10%, it is **E074E9**.

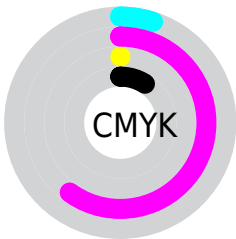
Distribution



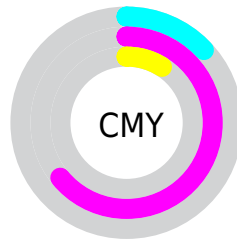
- Red (87%)
- Green (36%)
- Blue (91%)



- Red (87%)
- Yellow (36%)
- Blue (91%)



- Cyan (5%)
- Magenta (60%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (64%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE5DE9 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 DE5DE9 by changing the saturation by 10% instead.

 DE5DE9

 DE5DE9

FFFFFF

 C13FCC

 FF96FF

 A41DB1

 FFB3FF

 870095

 FFD0FF

 6B007B

 FFEDFF

 4F0062

 360049

 170032

 00011B

 000000

 DE5DE9

 DE5DE9

 DC46E9

 E074E9

 DA2EE9

 E28CE9

 D917E9

 E3A3E9

 D700E9

 E5BAE9

 E7D2E9

 E9E9E9

 EBFFE9

 EDFFE9

 EEFFE9

Harmonies

Analogous

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



6E85FF



DE5DE9



FF36A3

Triad

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



DE5DE9



BC8C00



00B3D0

Complementary

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



DE5DE9



68E95D

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.



00B284



DE5DE9



76A100

Square

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



DE5DE9



F16B06



00AD35



00AEFF

Rectangle

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



DE5DE9



FF3872



00AD35



00B3B7

Sweetspot

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



DE5DE9



FBD1FF



5D69E9



7D6380



000000



808080

Same Dimension

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



DE5DE9



F147FF



E95DAF



746A75



A700B5



310036

Inverse Universe

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



E95D68



FF4756



5DE997



756A6A



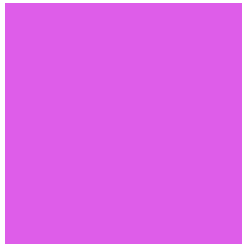
B5000E



360004

Previews

White Background



This preview shows how the Hex color DE5DE9 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

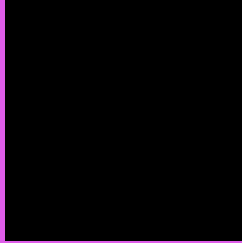
Any Text WCAG AA ✓ Pass

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 DE5DE9 Background



This preview shows how black text looks on a background with the Hex color DE5DE9.

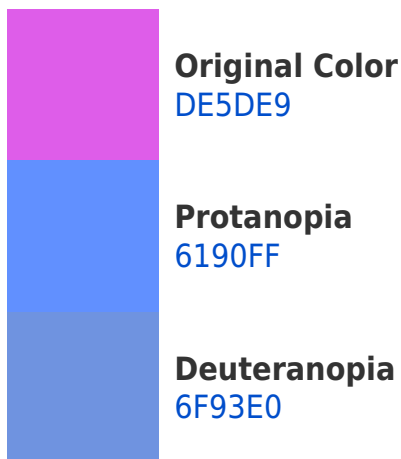



This preview shows how white text looks on a background with the Hex color DE5DE9.

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](#).

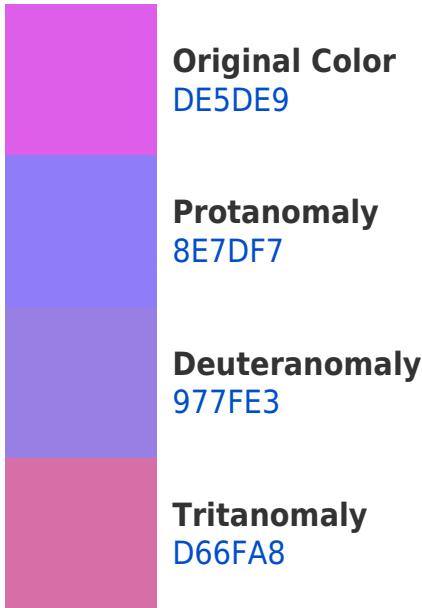
Dichromacy





Tritanopia
D17A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE5DE9 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 #DE5DE9 looks like.

```
.text, #text, p{  
    color:#DE5DE9  
}
```

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 #DE5DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5DE9
}
```

Border

The CSS property to change the border of an element to Hex DE5DE9 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
#DE5DE9 }
```

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

```
.border{ border-color:#DE5DE9 }
```

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

Here you see how a box with a 4 pixel #DE5DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5DE9; -webkit-box-shadow:4px 4px  
4px 4px #DE5DE9; box-shadow:4px 4px 4px  
4px #DE5DE9 }
```

Background

The CSS property to change the background color of an element to Hex DE5DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5DE9 }
```

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

```
.background{ background-color:#DE5DE9 }
```

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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