

Converting Colors

Hex(DE5EC7)

Have a look what the booklet for
Hex(DE5EC7) contains.

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Color

Hex(**DE5EC7**)

Conversions

Conversions Part 1

Format	Color
Hex	DE5EC7
RGB	222, 94, 199
RGB Percent	87%, 37%, 78%
CMY	0.1294, 0.6314, 0.2196
CMYK	0.00, 0.58, 0.10, 0.13
HSL	311°, 66%, 62%
HSV	311°, 58%, 87%
XYZ	44.4357, 27.6585, 57.0294
YIQ	144.2420, 42.5830, 59.7910

Conversions

Conversions Part 2

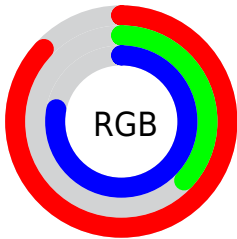
Format	Color
R _Y B	222, 94, 199
Decimal	14573255
CIE _{Lab}	59.58, 62.29, -30.91
CIE _{LCh}	60, 69.537, 333.610
Yxy	27.6585, 0.3441, 0.2142
Android (android.graphics.Color)	4292763335 (0xFFDE5EC7)
YUV	144.2420, 26.9957, 68.1938
Hunter-Lab	52.5914, 58.7840, -27.4794

Details

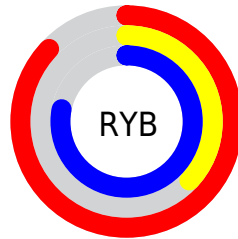
The Hex color **DE5EC7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5EDE75**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF96FF**, and **A42191** is the 20% darker color. If you saturate the color by 10%, you get **DE48C3**, and if you desaturate by 10%, it is **DE74CB**.

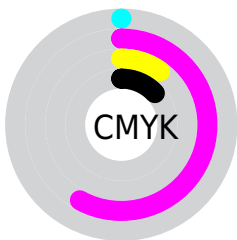
Distribution



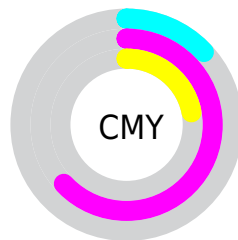
- Red (87%)
- Green (37%)
- Blue (78%)



- Red (87%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (58%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE5EC7 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 DE5EC7 by changing the saturation by 10% instead.

 DE5EC7

 DE5EC7

FFFFFF

 C141AB

 FF96FF

 A42191

 FFB3FF

 880077

 FFCFFF

 6C005E

 FFEDFF

 510046

 39002F

 180019

 000000

 DE5EC7

 DE5EC7

 DE48C3

 DE74CB

 DE32BF

 DE8ACF

 DE1BBB

 DEA1D3

 DE05B7

 DEB7D7

 DE00B6

 DECDDB

 DEE3DF

 DEF9E3

 DEFFE7

 DEFFEB

Harmonies

Analogous

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



987CF6



DE5EC7



FA4E8B

Triad

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



DE5EC7



A58F00



00AAD2

Complementary

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



DE5EC7



5EDE75

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.



00AB95



DE5EC7



669F16

Square

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



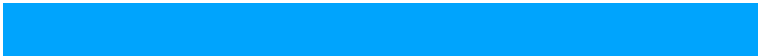
DE5EC7



D67816



00A856



00A4FD

Rectangle

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



DE5EC7



FA5462



00A856



00ABBF

Sweetspot

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



DE5EC7



FFD4F7



735EDE



80667B



000000



808080

Same Dimension

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



DE5EC7



FF4FDF



DE5E89



70656E



B00090



300028

Inverse Universe

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



DE5EC7



FF4FDF



5EDEB3



70656E



B00090



300028

Previews

White Background



This preview shows how the Hex color DE5EC7 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 DE5EC7 Background



This preview shows how black text looks on a background with the Hex color DE5EC7.




This preview shows how white text looks on a background with the Hex color DE5EC7.

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](#).

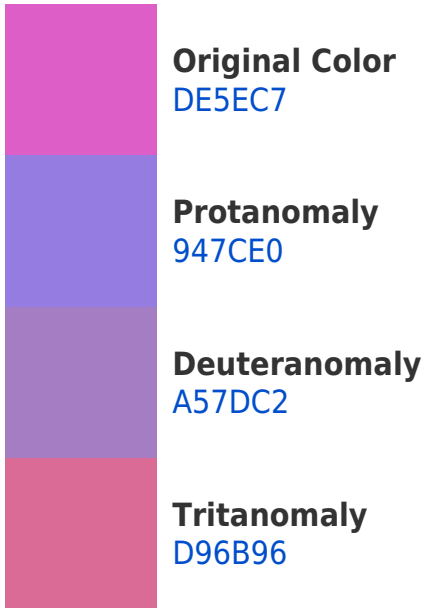
Dichromacy



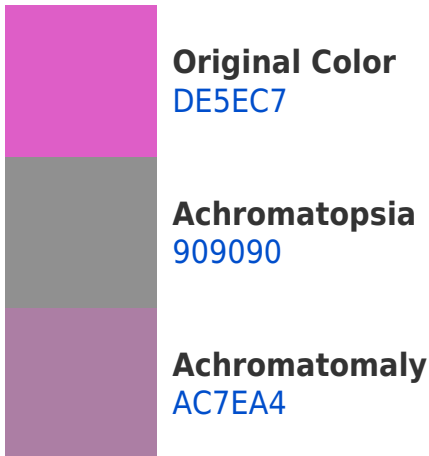


Tritanopia
D6727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE5EC7 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 #DE5EC7 looks like.

```
.text, #text, p{  
    color:#DE5EC7  
}
```

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 #DE5EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5EC7
}
```

Border

The CSS property to change the border of an element to Hex DE5EC7 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
#DE5EC7 }
```

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

```
.border{ border-color:#DE5EC7 }
```

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

Here you see how a box with a 4 pixel #DE5EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5EC7; -webkit-box-shadow:4px 4px  
4px 4px #DE5EC7; box-shadow:4px 4px 4px  
4px #DE5EC7 }
```

Background

The CSS property to change the background color of an element to Hex DE5EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5EC7 }
```

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

```
.background{ background-color:#DE5EC7 }
```

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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