

Converting Colors

Hex(DE59C7)

Have a look what the booklet for
Hex(DE59C7) contains.

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Color

Hex(DE59C7)

Conversions

Conversions Part 1

Format	Color
Hex	DE59C7
RGB	222, 89, 199
RGB Percent	87%, 35%, 78%
CMY	0.1294, 0.6510, 0.2196
CMYK	0.00, 0.60, 0.10, 0.13
HSL	310°, 67%, 61%
HSV	310°, 60%, 87%
XYZ	44.0054, 26.7979, 56.8860
YIQ	141.3070, 43.9580, 62.4060

Conversions

Conversions Part 2

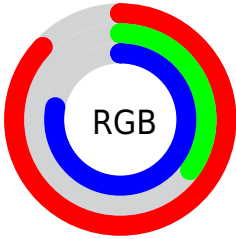
Format	Color
R _Y B	222, 89, 199
Decimal	14571975
CIE Lab	58.79, 64.45, -32.14
CIE LCh	59, 72.017, 333.496
Yxy	26.7979, 0.3446, 0.2099
Android (android.graphics.Color)	4292762055 (0xFFDE59C7)
YUV	141.3070, 28.4426, 70.7678
Hunter-Lab	51.7667, 61.1462, -28.9167

Details

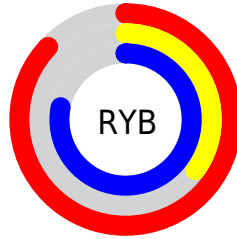
The Hex color **DE59C7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **59DE70**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF92FF**, and **A41891** is the 20% darker color. If you saturate the color by 10%, you get **DE43C3**, and if you desaturate by 10%, it is **DE6FCB**.

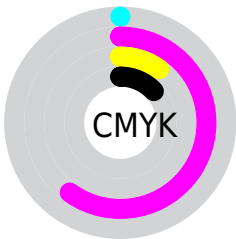
Distribution



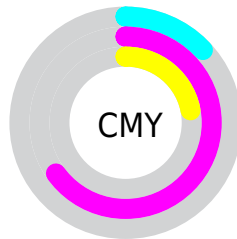
- Red (87%)
- Green (35%)
- Blue (78%)



- Red (87%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE59C7 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 DE59C7 by changing the saturation by 10% instead.

 DE59C7

 DE59C7

FFFFFF

 C13CAB

 FF92FF

 A41891

 FFAEFF

 870077

 FFCBFF

 6B005E

 FFE8FF

 500046

 38002F

 160019

 000000

 DE59C7

 DE59C7

 DE43C3

 DE6FCB

 DE2DBF

 DE85CF

 DE16BB

 DE9CD3

 DE00B8

 DEB2D6

 DEC8DA

 DEDEDE

 DEF4E2

 DEFFE6

 DEFFEA

Harmonies

Analogous

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



9579F8



DE59C7



FB4789

Triad

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



DE59C7



A38D00



00A9D2

Complementary

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



DE59C7



59DE70

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.



00AA93



DE59C7



629D06

Square

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



DE59C7



D57409



00A651



00A2FF

Rectangle

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



DE59C7



FB4E5F



00A651



00AABE

Sweetspot

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



DE59C7



FFD1F7



6F59DE



80637B



000000



808080

Same Dimension

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



DE59C7



FF47DF



DE5985



70656E



B00092



300028

Inverse Universe

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



DE59C7



FF47DF



59DEB2



70656E



B00092



300028

Previews

White Background



This preview shows how the Hex color DE59C7 looks on a white background.

Color Contrast Check

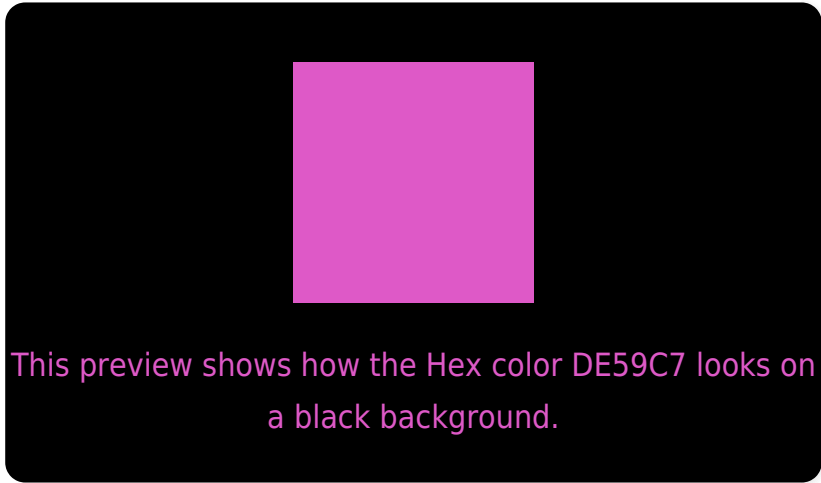
Large Text (above 18pt) WCAG AA ✓ Pass

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

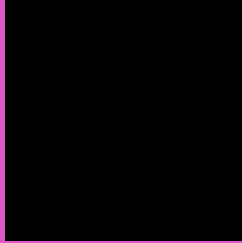
Any Text WCAG AA ✓ Pass

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 DE59C7 Background



This preview shows how black text looks on a background with the Hex color DE59C7.

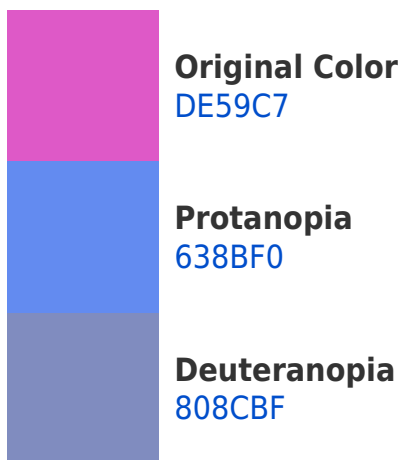


This preview shows how white text looks on a background with the Hex color DE59C7.

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
D56E76

Trichromacy



Original Color
DE59C7



Protanomaly
9079E1



Deuteranomaly
A279C2



Tritanomaly
D86693

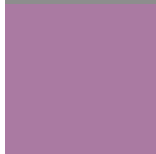
Monochromacy



Original Color
DE59C7



Achromatopsia
8D8D8D



Achromatomaly
AA7AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex DE59C7 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 #DE59C7 looks like.

```
.text, #text, p{  
    color:#DE59C7  
}
```

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 #DE59C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE59C7
}
```

Border

The CSS property to change the border of an element to Hex DE59C7 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
#DE59C7 }
```

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

```
.border{ border-color:#DE59C7 }
```

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

Here you see how a box with a 4 pixel #DE59C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE59C7; -webkit-box-shadow:4px 4px  
4px 4px #DE59C7; box-shadow:4px 4px 4px  
4px #DE59C7 }
```

Background

The CSS property to change the background color of an element to Hex DE59C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE59C7 }
```

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

```
.background{ background-color:#DE59C7 }
```

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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