

# Converting Colors

Hex(DE59C1)

Have a look what the booklet for  
Hex(DE59C1) contains.

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# **Color**

**Hex(DE59C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE59C1
RGB	222, 89, 193
RGB Percent	87%, 35%, 76%
CMY	0.1294, 0.6510, 0.2431
CMYK	0.00, 0.60, 0.13, 0.13
HSL	313°, 67%, 61%
HSV	313°, 60%, 87%
XYZ	43.3222, 26.5246, 53.2885
YIQ	140.6230, 45.8840, 60.5400

# Conversions

## Conversions Part 2

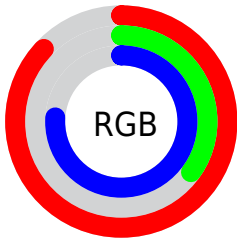
Format	Color
R <sub>Y</sub> B	222, 89, 193
Decimal	14571969
CIE Lab	58.53, 63.54, -29.11
CIE LCh	59, 69.887, 335.385
Yxy	26.5246, 0.3518, 0.2154
Android (android.graphics.Color)	4292762049 (0xFFDE59C1)
YUV	140.6230, 25.8219, 71.3676
Hunter-Lab	51.5020, 60.0211, -25.2952

# Details

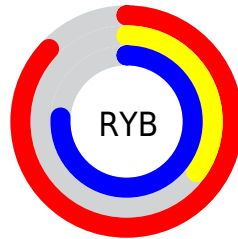
The Hex color **DE59C1** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **59DE76**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF92FA**, and **A4188B** is the 20% darker color. If you saturate the color by 10%, you get **DE43BC**, and if you desaturate by 10%, it is **DE6FC6**.

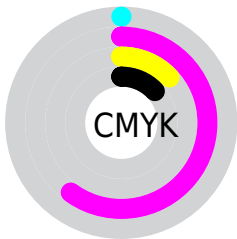
# Distribution



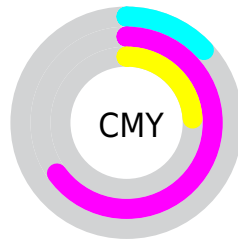
- Red (87%)
- Green (35%)
- Blue (76%)



- Red (87%)
- Yellow (35%)
- Blue (76%)



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



- Cyan (13%)
- Magenta (65%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE59C1 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 DE59C1 by changing the saturation by 10% instead.



 DE59C1

 DE59C1

FFFFFF

 C13CA6

 FF92FA

 A4188B

 FFAEFF

 870071

 FFCBFF

 6B0059

 FFE8FF

 500041

 37002B

 160014

 000000

 DE59C1

 DE59C1

 DE43BC

 DE6FC6

 DE2DB7

 DE85CB

 DE16B2

 DE9CD0

 DE00AE

 DEB2D4

 DEC8D9

 DEDEDE

 DEF4E3

 DEFFE8

 DEFFED

# Harmonies

## Analogous

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



9B77F2



DE59C1



F84A84

# Triad

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



DE59C1



9F8E00



00A7D2

# Complementary

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



DE59C1



59DE76

# 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.



00A896



DE59C1



5E9D16

# Square

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



DE59C1



D0760C



00A557



00A0FC

# Rectangle

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



DE59C1



F7525C



00A557



00A8C0



# Sweetspot

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



DE59C1



FFD1F5



7659DE



806379



000000



808080



# Same Dimension

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



DE59C1



FF47D7



DE597F



70656E



B0008A



300026



# Inverse Universe

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



DE59C1



FF47D7



59DEB8



70656E



B0008A

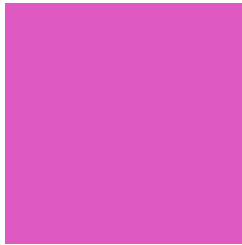


300026



# Previews

## White Background



This preview shows how the Hex color DE59C1 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 DE59C1 Background



This preview shows how black text looks on a background with the Hex color DE59C1.

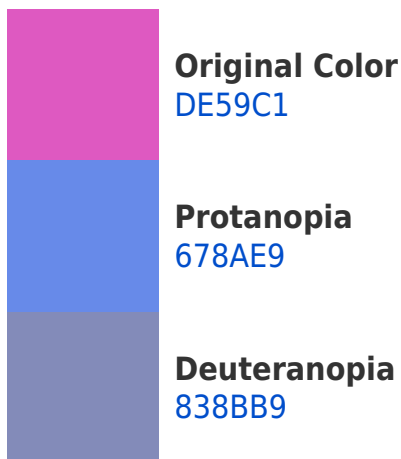



This preview shows how white text looks on a background with the Hex color DE59C1.

# 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**  
D66D74

# Trichromacy



**Original Color**  
DE59C1



**Protanomaly**  
9278DA



**Deuteranomaly**  
A479BC



**Tritanomaly**  
D96690

# Monochromacy



**Original Color**  
DE59C1



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AA7AA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE59C1 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 #DE59C1 looks like.

```
.text, #text, p{  
    color:#DE59C1  
}
```

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 #DE59C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE59C1
}
```

## Border

The CSS property to change the border of an element to Hex DE59C1 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
#DE59C1 }
```

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

```
.border{ border-color:#DE59C1 }
```

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

Here you see how a box with a 4 pixel #DE59C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE59C1; -webkit-box-shadow:4px 4px  
4px 4px #DE59C1; box-shadow:4px 4px 4px  
4px #DE59C1 }
```

# Background

The CSS property to change the background color of an element to Hex DE59C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE59C1 }
```

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

```
.background{ background-color:#DE59C1 }
```

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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