

Converting Colors

Hex(D599E9)

Have a look what the booklet for
Hex(D599E9) contains.

Hex(D599E9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D599E9)

Conversions

Conversions Part 1

Format	Color
Hex	D599E9
RGB	213, 153, 233
RGB Percent	84%, 60%, 91%
CMY	0.1647, 0.4000, 0.0863
CMYK	0.09, 0.34, 0.00, 0.09
HSL	285°, 65%, 76%
HSV	285°, 34%, 91%
XYZ	53.5398, 42.8118, 82.5324
YIQ	180.0600, 10.0800, 37.6000

Conversions

Conversions Part 2

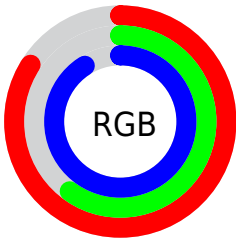
Format	Color
R _Y B	213, 153, 233
Decimal	13998569
CIE Lab	71.43, 36.10, -31.62
CIE LCh	71, 47.986, 318.782
Yxy	42.8118, 0.2993, 0.2393
Android (android.graphics.Color)	4292188649 (0xFFD599E9)
YUV	180.0600, 26.0994, 28.8884
Hunter-Lab	65.4307, 31.5569, -28.9852

Details

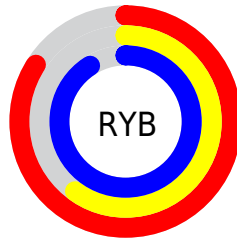
The Hex color **D599E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ADE999**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD0FF**, and **9D65B1** is the 20% darker color. If you saturate the color by 10%, you get **CF82E9**, and if you desaturate by 10%, it is **DBB0E9**.

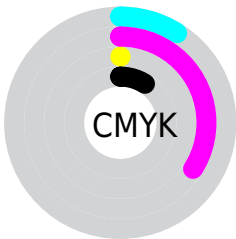
Distribution



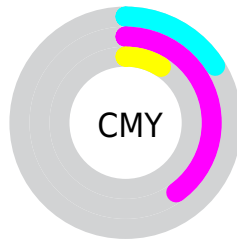
- Red (84%)
- Green (60%)
- Blue (91%)



- Red (84%)
- Yellow (60%)
- Blue (91%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D599E9 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 D599E9 by changing the saturation by 10% instead.

 D599E9

 D599E9

FFFFFF

 B97FCD

 FFD0FF

 9D65B1

 FFEDFF

 824C96

 68347C

 4F1C63

 36024B

 210034

 00021D

 000000

 D599E9

 D599E9

 CF82E9

 DBB0E9

 C96AE9

 E1C8E9

 C453E9

 E6DFE9

 BE3CE9

 ECF6E9

 B825E9

 F2FFE9

 B20DE9

 F8FFE9

 AF00E9

 FEFFE9

 FFFFE9

Harmonies

Analogous

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



99A AFF



D599E9



F88DC1

Triad

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



D599E9



D8A758



00C5CA

Complementary

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



D599E9



ADE999

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.



33C49C



D599E9



AEB559

Square

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



D599E9



F6976F



7CBF73



00C2F0

Rectangle

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



D599E9



FF8BA4



7CBF73



00C6BB

Sweetspot

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



D599E9



F9E6FF



99ADE9



7C7080



000000



808080

Same Dimension

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



D599E9



E596FF



E999D5



726A75



8800B5



280036

Inverse Universe

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



E999AD



FF96B1



99E9AD



756A6D



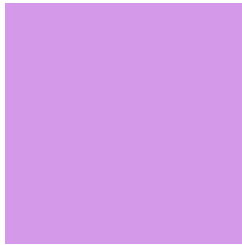
B5002D



36000D

Previews

White Background



This preview shows how the Hex color D599E9 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

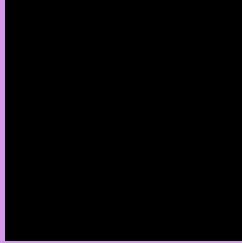
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex D599E9 Background



This preview shows how black text looks on a background with the Hex color D599E9.

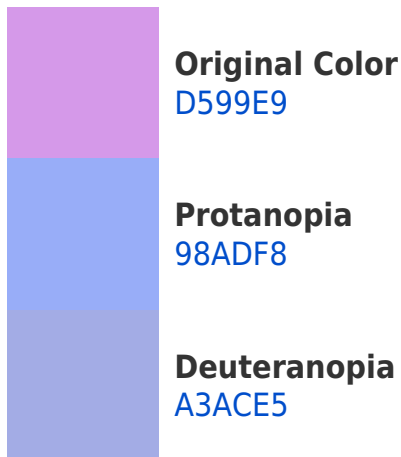


This preview shows how white text looks on a background with the Hex color D599E9.

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



Trichromacy



Original Color
D599E9



Protanomaly
AEA6F3



Deuteranomaly
B5A5E6

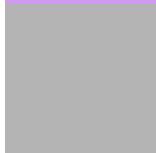


Tritanomaly
D0A0C5

Monochromacy



Original Color
D599E9



Achromatopsia
B4B4B4



Achromatomaly
C0AAC7

CSS Examples

Text

The CSS property to change the color of the text to Hex D599E9 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 #D599E9 looks like.

```
.text, #text, p{  
    color:#D599E9  
}
```

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 #D599E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D599E9
}
```

Border

The CSS property to change the border of an element to Hex D599E9 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
#D599E9 }
```

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

```
.border{ border-color:#D599E9 }
```

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

Here you see how a box with a 4 pixel #D599E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D599E9; -webkit-box-shadow:4px 4px  
4px 4px #D599E9; box-shadow:4px 4px 4px  
4px #D599E9 }
```

Background

The CSS property to change the background color of an element to Hex D599E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D599E9 }
```

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

```
.background{ background-color:#D599E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor