

Converting Colors

Hex(C59DD3)

Have a look what the booklet for
Hex(C59DD3) contains.

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Color

Hex(C59DD3)

Conversions

Conversions Part 1

Format	Color
Hex	C59DD3
RGB	197, 157, 211
RGB Percent	77%, 62%, 83%
CMY	0.2275, 0.3843, 0.1725
CMYK	0.07, 0.26, 0.00, 0.17
HSL	284°, 38%, 72%
HSV	284°, 26%, 83%
XYZ	46.8408, 40.6874, 67.0127
YIQ	175.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

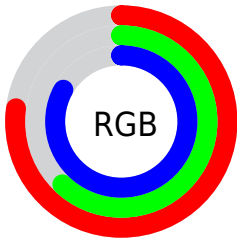
Format	Color
RYB	197, 157, 211
Decimal	12950995
CIELab	69.96, 24.44, -21.92
CIELCh	70, 32.831, 318.108
Yxy	40.6874, 0.3031, 0.2633
Android (android.graphics.Color)	4291141075 (0xFFC59DD3)
YUV	175.1160, 17.6908, 19.1923
Hunter-Lab	63.7867, 19.4521, -17.6379

Details

The Hex color **C59DD3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ABD39D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FED4FF**, and **8F699C** is the 20% darker color. If you saturate the color by 10%, you get **C088D3**, and if you desaturate by 10%, it is **CAB2D3**.

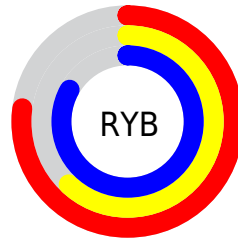
Distribution



Red (77%)

Green (62%)

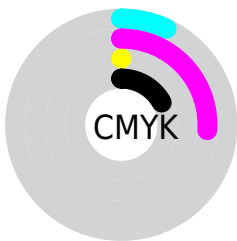
Blue (83%)



Red (77%)

Yellow (62%)

Blue (83%)

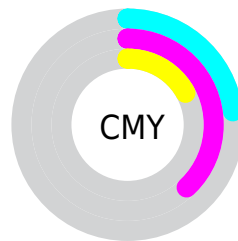


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C59DD3 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 C59DD3 by changing the saturation by 10% instead.

 C59DD3

FFFFFF

 FED4FF

 FFF0FF

 C59DD3

 A983B7

 8F699C

 755182

 5B3969

 432351

 2C0D39

 1B0024

 00000B

 000000

 C59DD3

 C59DD3

 C088D3

 CAB2D3

 BA73D3

 D0C7D3

 B55ED3

 D5DCD3

 AF49D3

 DBF1D3

 AA34D3

 E0FFD3

 A41ED3

 E6FFD3

 9F09D3

 EBFFD3

 9C00D3

 F1FFD3

 F6FFD3

Harmonies

Analogous

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



9EA8E3



C59DD3



DE96B8

Triad

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



C59DD3



CAA571



49BBBC

Complementary

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



C59DD3



ABD39D

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.



68BA9E



C59DD3



ADAF72

Square

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



C59DD3



DF9B80



8BB682



4AB8D6

Rectangle

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



C59DD3



E594A4



8BB682



52BBB2

Sweetspot

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



C59DD3



FAEBFF



9DABD3



7C7380



000000



808080

Same Dimension

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



C59DD3



EBB0FF



D39DC6



665E69



7D00A8



1E0029

Inverse Universe

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



D39DAB



FFB0C4



9DD3AA



695E61



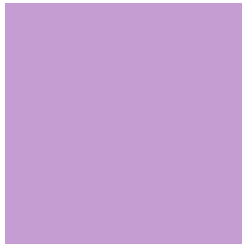
A8002C



29000B

Previews

White Background



This preview shows how the Hex color C59DD3 looks on a white background.

Color Contrast Check

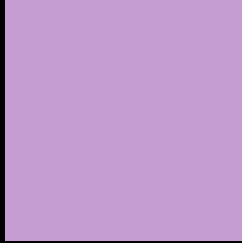
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C59DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

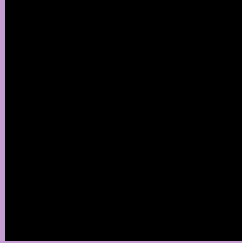
Any Text WCAG AA ✓ Pass

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 C59DD3 Background



This preview shows how black text looks on a background with the Hex color C59DD3.

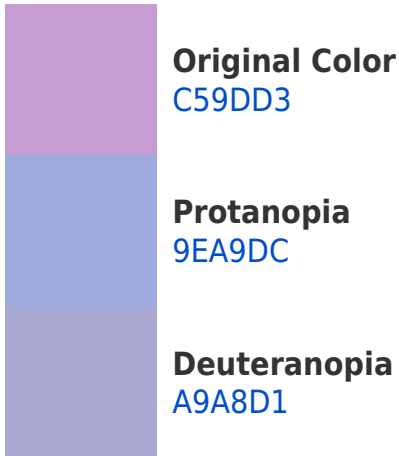


This preview shows how white text looks on a background with the Hex color C59DD3.

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
C59DD3



Protanomaly
ACA5D9



Deuteranomaly
B3A4D2



Tritanomaly
C2A1BD

Monochromacy



Original Color
C59DD3



Achromatopsia
AF AF AF



Achromatomaly
B7A8BC

CSS Examples

Text

The CSS property to change the color of the text to Hex C59DD3 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 #C59DD3 looks like.

```
.text, #text, p{  
    color:#C59DD3  
}
```

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 #C59DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59DD3
}
```

Border

The CSS property to change the border of an element to Hex C59DD3 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
#C59DD3 }
```

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

```
.border{ border-color:#C59DD3 }
```

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

Here you see how a box with a 4 pixel #C59DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59DD3; -webkit-box-shadow:4px 4px  
4px 4px #C59DD3; box-shadow:4px 4px 4px  
4px #C59DD3 }
```

Background

The CSS property to change the background color of an element to Hex C59DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59DD3 }
```

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

```
.background{ background-color:#C59DD3 }
```

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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