

Converting Colors

Hex(D189E0)

Have a look what the booklet for
Hex(D189E0) contains.

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Color

Hex(D189E0)

Conversions

Conversions Part 1

Format	Color
Hex	D189E0
RGB	209, 137, 224
RGB Percent	82%, 54%, 88%
CMY	0.1804, 0.4627, 0.1216
CMYK	0.07, 0.39, 0.00, 0.12
HSL	290°, 58%, 71%
HSV	290°, 39%, 88%
XYZ	48.6947, 36.8284, 75.0631
YIQ	168.4460, 14.9850, 42.3210

Conversions

Conversions Part 2

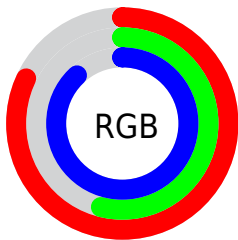
Format	Color
RYB	209, 137, 224
Decimal	13732320
CIELab	67.15, 41.69, -33.32
CIElCh	67, 53.367, 321.365
Yxy	36.8284, 0.3032, 0.2293
Android (android.graphics.Color)	4291922400 (0xFFD189E0)
YUV	168.4460, 27.3881, 35.5659
Hunter-Lab	60.6864, 37.0268, -30.8553

Details

The Hex color **D189E0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **98E089**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC0FF**, and **9955A8** is the 20% darker color. If you saturate the color by 10%, you get **CD73E0**, and if you desaturate by 10%, it is **D59FE0**.

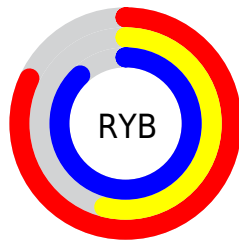
Distribution



Red (82%)

Green (54%)

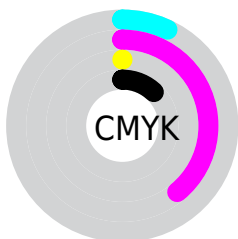
Blue (88%)



Red (82%)

Yellow (54%)

Blue (88%)

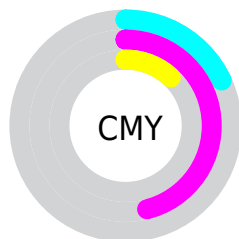


Cyan (7%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (46%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color D189E0 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 D189E0 by changing the saturation by 10% instead.

 D189E0

 D189E0

FFFFFF

 B56FC4

 FFC0FF

 9955A8

 FFDCFF

 7E3C8E

 FFF9FF

 642374

 4A055B

 310043

 1C002C

 000116

 000000

 D189E0

 D189E0

 CD73E0

 D59FE0

 C95CE0

 D9B6E0

 C546E0

 DDCCE0

 C22FE0

 E0E3E0

 BE19E0

 E4F9E0

 BA03E0

 E8FFE0

 B900E0

 ECFE0

 F0FFE0

 F4FFE0

Harmonies

Analogous

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



8F9CFD



D189E0



F57BB3

Triad

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



D189E0



CB9C41



00BBC5

Complementary

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



D189E0



98E089

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.



00BB93



D189E0



9DAB45

Square

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



D189E0



ED8A5A



64B565



00B7EE

Rectangle

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



D189E0



FD7A93



64B565



00BCB5

Sweetspot

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



D189E0



FAE0FF



8999E0



7C6E80



000000



808080

Same Dimension

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



D189E0



EA87FF



E089C4



6E6570



9200B0



280030

Inverse Universe

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



E08998



FF879C



89E0A5



706567



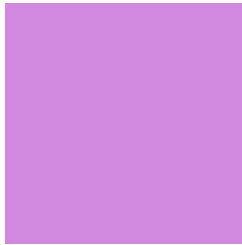
B0001E



300008

Previews

White Background



This preview shows how the Hex color D189E0 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

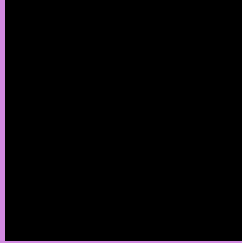
Any Text WCAG AA ✓ Pass

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 D189E0 Background



This preview shows how black text looks on a background with the Hex color D189E0.

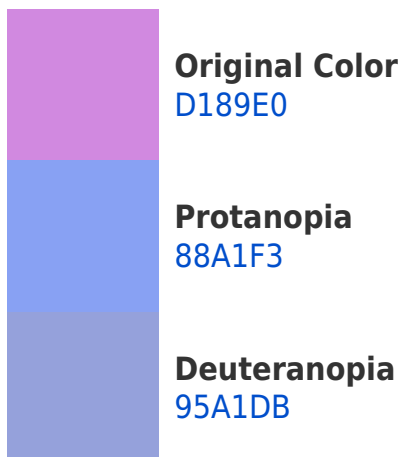


This preview shows how white text looks on a background with the Hex color D189E0.

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](#).

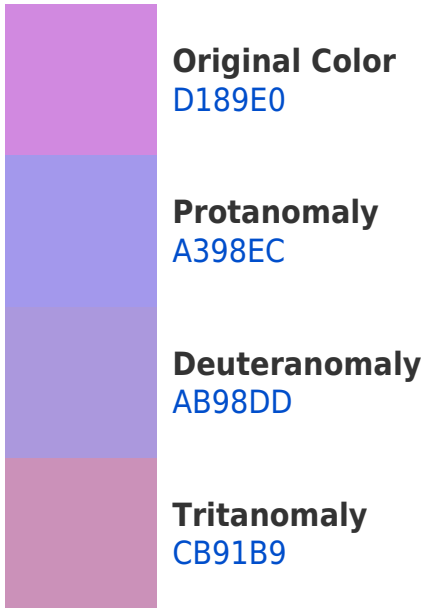
Dichromacy



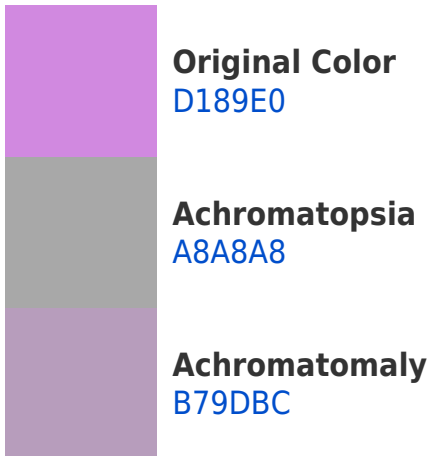


Tritanopia
C896A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D189E0 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 #D189E0 looks like.

```
.text, #text, p{  
    color:#D189E0  
}
```

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 #D189E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D189E0
}
```

Border

The CSS property to change the border of an element to Hex D189E0 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
#D189E0 }
```

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

```
.border{ border-color:#D189E0 }
```

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

Here you see how a box with a 4 pixel #D189E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D189E0; -webkit-box-shadow:4px 4px  
4px 4px #D189E0; box-shadow:4px 4px 4px  
4px #D189E0 }
```

Background

The CSS property to change the background color of an element to Hex D189E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D189E0 }
```

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

```
.background{ background-color:#D189E0 }
```

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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