

Converting Colors

Hex(D186E2)

Have a look what the booklet for
Hex(D186E2) contains.

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Color

Hex(D186E2)

Conversions

Conversions Part 1

Format	Color
Hex	D186E2
RGB	209, 134, 226
RGB Percent	82%, 53%, 89%
CMY	0.1804, 0.4745, 0.1137
CMYK	0.08, 0.41, 0.00, 0.11
HSL	289°, 61%, 71%
HSV	289°, 41%, 89%
XYZ	48.5471, 36.0965, 76.3601
YIQ	166.9130, 15.1680, 44.5120

Conversions

Conversions Part 2

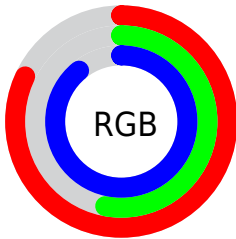
Format	Color
R _Y B	209, 134, 226
Decimal	13731554
CIE Lab	66.59, 43.67, -35.29
CIE LCh	67, 56.147, 321.061
Yxy	36.0965, 0.3015, 0.2242
Android (android.graphics.Color)	4291921634 (0xFFD186E2)
YUV	166.9130, 29.1299, 36.9103
Hunter-Lab	60.0804, 39.0937, -33.2994

Details

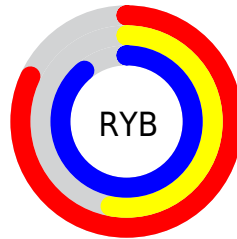
The Hex color **D186E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **97E286**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBDFF**, and **9952AA** is the 20% darker color. If you saturate the color by 10%, you get **CD6FE2**, and if you desaturate by 10%, it is **D59DE2**.

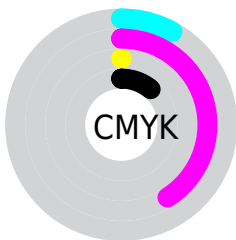
Distribution



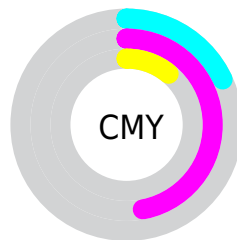
- Red (82%)
- Green (53%)
- Blue (89%)



- Red (82%)
- Yellow (53%)
- Blue (89%)



- Cyan (8%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D186E2 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 D186E2 by changing the saturation by 10% instead.

 D186E2

 D186E2

FFFFFF

 B56CC6

 FFBDFE

 9952AA

 FFD9FF

 7E3990

 FFF6FF

 631F76

 4A005D

 310044

 1A002E

 000118

 000000

 D186E2

 D186E2

 CD6FE2

 D59DE2

 C959E2

 D9B3E2

 C442E2

 DECAE2

 C02CE2

 E2E0E2

 BC15E2

 E6F7E2

 B800E2

 EAFFE2

 EEFFE2

 F2FFE2

 F7FFE2

Harmonies

Analogous

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



8A9BFF



D186E2



F777B3

Triad

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



D186E2



CB9A39



00BBC5

Complementary

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



D186E2



97E286

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.



00BA91



D186E2



9BAA3D

Square

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



D186E2



EE8755



5EB560



00B6EF

Rectangle

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



D186E2



FF7591



5EB560



00BBB4

Sweetspot

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



D186E2



F9E0FF



8698E2



7C6E80



000000



808080

Same Dimension

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



D186E2



E882FF



E286C6



6E6570



8F00B0



270030

Inverse Universe

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



E28697



FF8299



86E2A2



706567



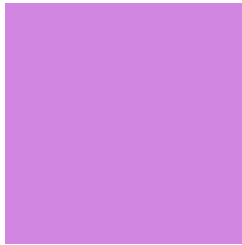
B00021



300009

Previews

White Background



This preview shows how the Hex color D186E2 looks on a white background.

Color Contrast Check

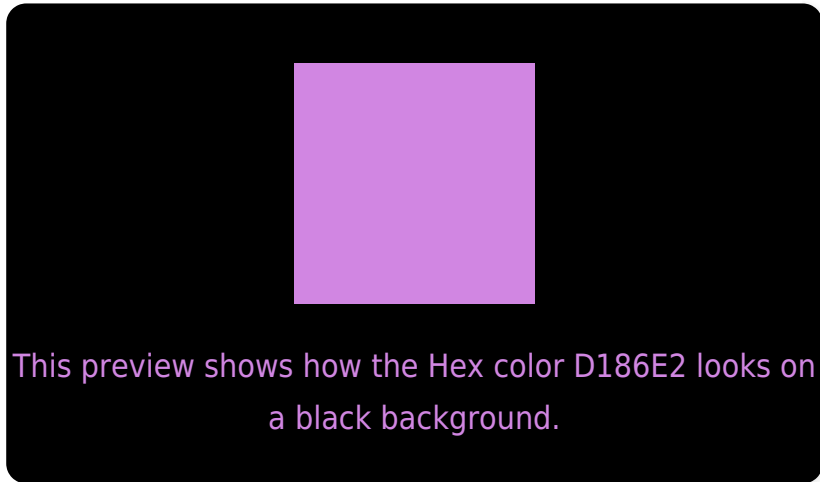
Large Text (above 18pt) WCAG AA × Fail

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

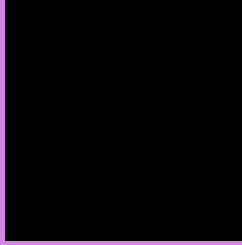
Any Text WCAG AA ✓ Pass

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 D186E2 Background



This preview shows how black text looks on a background with the Hex color D186E2.

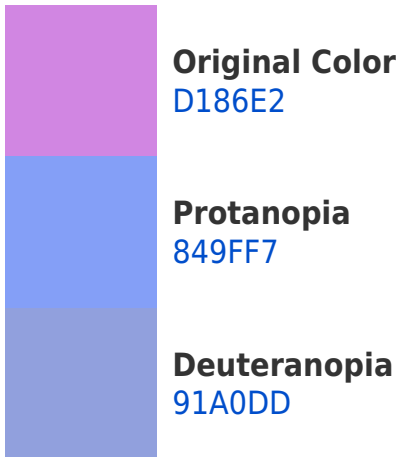


This preview shows how white text looks on a background with the Hex color D186E2.

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](#).

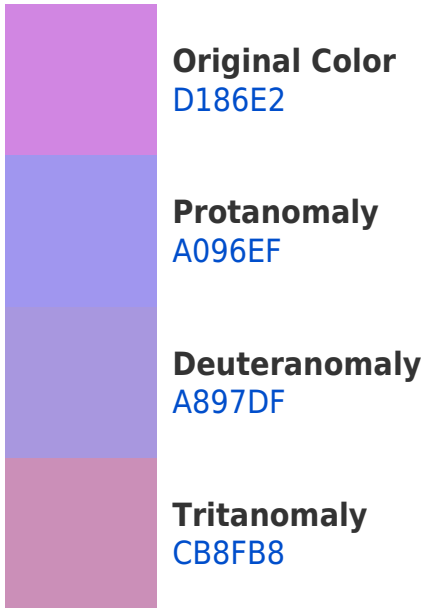
Dichromacy



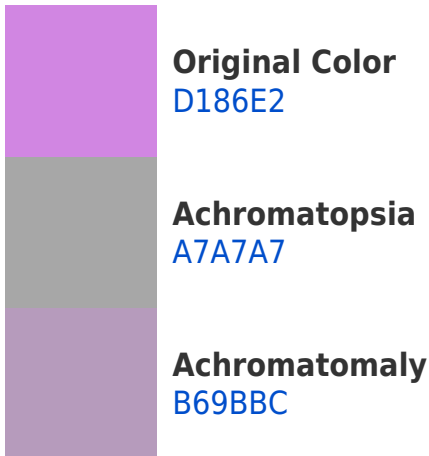


Tritanopia
C894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D186E2 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 #D186E2 looks like.

```
.text, #text, p{  
    color:#D186E2  
}
```

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 #D186E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D186E2
}
```

Border

The CSS property to change the border of an element to Hex D186E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

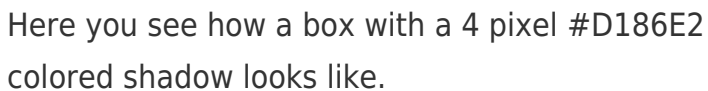
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D186E2 }
```

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

```
.border{ border-color:#D186E2 }
```

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



Here you see how a box with a 4 pixel #D186E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D186E2; -webkit-box-shadow:4px 4px  
4px 4px #D186E2; box-shadow:4px 4px 4px  
4px #D186E2 }
```

Background

The CSS property to change the background color of an element to Hex D186E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D186E2 }
```

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

```
.background{ background-color:#D186E2 }
```

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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