

Converting Colors

Hex(D176DE)

Have a look what the booklet for
Hex(D176DE) contains.

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Color

Hex(D176DE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D176DE |
| RGB | 209, 118, 222 |
| RGB Percent | 82%, 46%, 87% |
| CMY | 0.1804, 0.5373, 0.1294 |
| CMYK | 0.06, 0.47, 0.00, 0.13 |
| HSL | 292°, 61%, 67% |
| HSV | 292°, 47%, 87% |
| XYZ | 45.9577, 31.7861, 72.8203 |
| YIQ | 157.0650, 20.8520, 51.6360 |

Conversions

Conversions Part 2

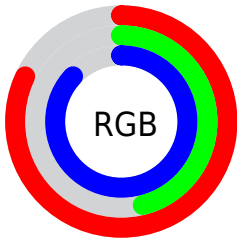
| Format | Color |
|-------------------------------------|--|
| RYB | 209, 118, 222 |
| Decimal | 13727454 |
| CIELab | 63.17, 51.21, -38.41 |
| CIElCh | 63, 64.015, 323.130 |
| Yxy | 31.7861, 0.3052, 0.2111 |
| Android (android.graphics.Color) | 4291917534 (0xFFD176DE) |
| YUV | 157.0650, 32.0130, 45.5470 |
| Hunter-Lab | 56.3792, 46.8416, -37.1146 |

Details

The Hex color **D176DE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83DE76**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFADFF**, and **9841A6** is the 20% darker color. If you saturate the color by 10%, you get **CE60DE**, and if you desaturate by 10%, it is **D48CDE**.

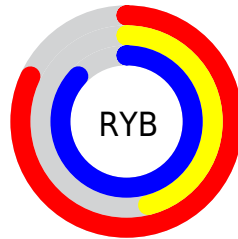
Distribution



Red (82%)

Green (46%)

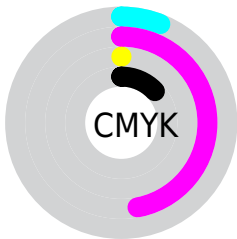
Blue (87%)



Red (82%)

Yellow (46%)

Blue (87%)

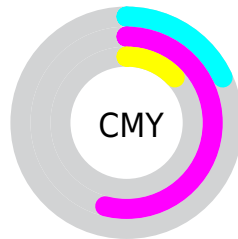


Cyan (6%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (54%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D176DE 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 D176DE by changing the saturation by 10% instead.

 D176DE

 D176DE

FFFFFF

 B45BC2

 FFADFF

 9841A6

 FFC9FF

 7D268C

 FFE6FF

 620172

 480059

 2F0041

 13002A

 000114

 000000

 D176DE

 D176DE

 CE60DE

 D48CDE

 CB4ADE

 D7A2DE

 C933DE

 D9B9DE

 C61DDE

 DCCFDE

 C307DE

 DFE5DE

 C200DE

 E2FBDE

 E4FFDE

 E7FFDE

 EAFFDE

Harmonies

Analogous

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



808FFF



D176DE



F863A9

Triad

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



D176DE



C19218



00B4C4

Complementary

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



D176DE



83DE76

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.



00B389



D176DE



8BA322

Square

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



D176DE



E97B3E



3EAE50



00AFF3

Rectangle

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



D176DE



FF6282



3EAE50



00B4B1

Sweetspot

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



D176DE



FBDBFF



7684DE



7D6A80



000000



808080

Same Dimension

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



D176DE



ED70FF



DE76B8



6F6570



9A00B0



2A0030

Inverse Universe

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



DE7683



FF7082



76DE9C



706566



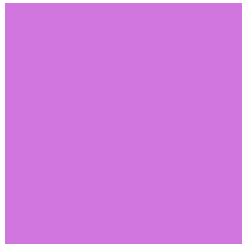
B00016



300006

Previews

White Background



This preview shows how the Hex color D176DE looks on a white background.

Color Contrast Check

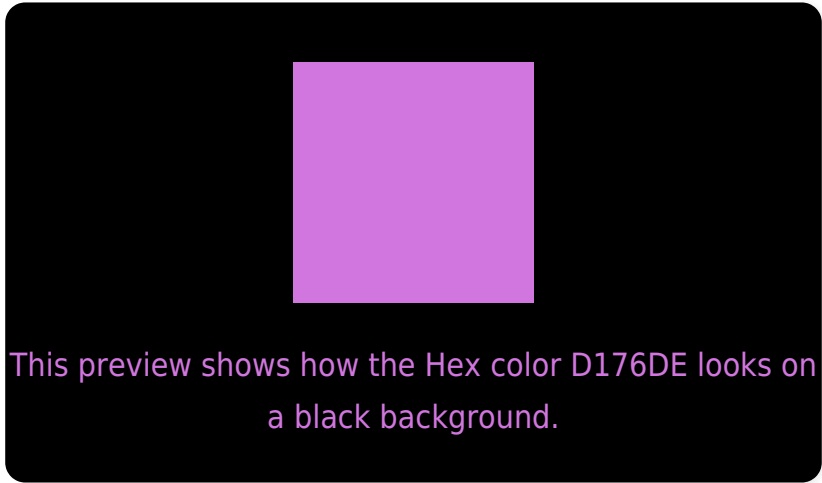
Large Text (above 18pt) WCAG AA × Fail

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

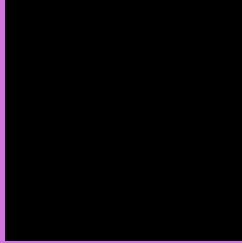
Any Text WCAG AA ✓ Pass

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 D176DE Background



This preview shows how black text looks on a background with the Hex color D176DE.



This preview shows how white text looks on a background with the Hex color D176DE.

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](#).

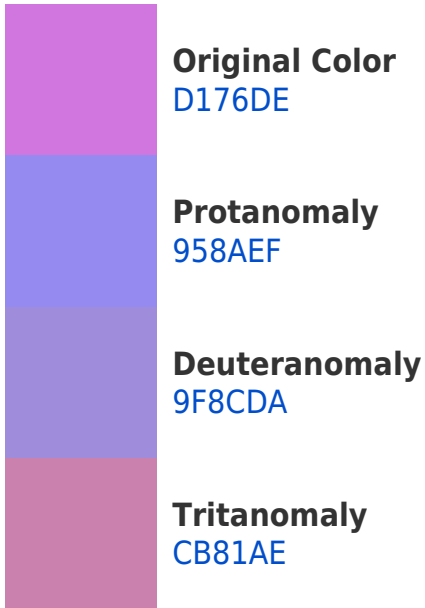
Dichromacy



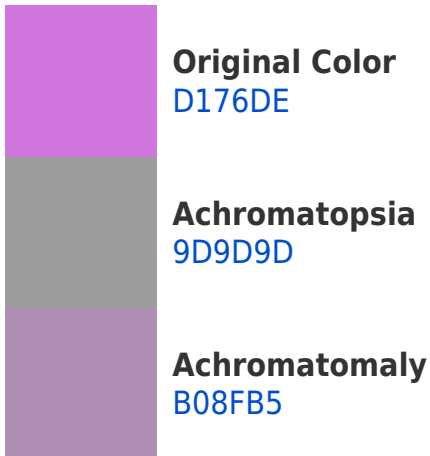


Tritanopia
C78892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D176DE 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 #D176DE looks like.

```
.text, #text, p{  
    color:#D176DE  
}
```

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 #D176DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D176DE
}
```

Border

The CSS property to change the border of an element to Hex D176DE 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
#D176DE }
```

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

```
.border{ border-color:#D176DE }
```

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

Here you see how a box with a 4 pixel #D176DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D176DE; -webkit-box-shadow:4px 4px  
4px 4px #D176DE; box-shadow:4px 4px 4px  
4px #D176DE }
```

Background

The CSS property to change the background color of an element to Hex D176DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D176DE }
```

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

```
.background{ background-color:#D176DE }
```

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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