

Converting Colors

Hex(D170B4)

Have a look what the booklet for
Hex(D170B4) contains.

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Color

Hex(D170B4)

Conversions

Conversions Part 1

Format	Color
Hex	D170B4
RGB	209, 112, 180
RGB Percent	82%, 44%, 71%
CMY	0.1804, 0.5608, 0.2941
CMYK	0.00, 0.46, 0.14, 0.18
HSL	318°, 51%, 63%
HSV	318°, 46%, 82%
XYZ	40.3269, 28.4389, 46.5438
YIQ	148.7550, 35.9840, 41.7120

Conversions

Conversions Part 2

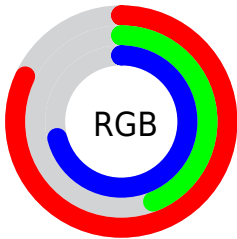
Format	Color
R_{YB}	209, 112, 180
Decimal	13725876
CIE _{Lab}	60.28, 46.91, -19.14
CIE _{LCh}	60, 50.659, 337.805
Yxy	28.4389, 0.3497, 0.2466
Android (android.graphics.Color)	4291915956 (0xFFD170B4)
YUV	148.7550, 15.4038, 52.8349
Hunter-Lab	53.3282, 41.6578, -14.4175

Details

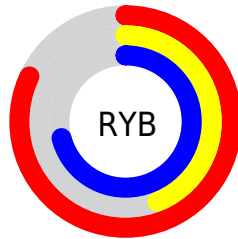
The Hex color **D170B4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70D18D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFA6EC**, and **983B7F** is the 20% darker color. If you saturate the color by 10%, you get **D15BAE**, and if you desaturate by 10%, it is **D185BA**.

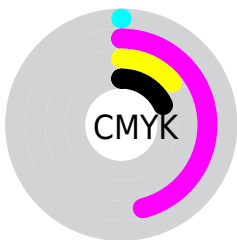
Distribution



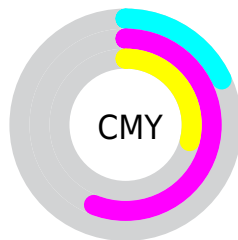
- Red (82%)
- Green (44%)
- Blue (71%)



- Red (82%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (46%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color D170B4 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 D170B4 by changing the saturation by 10% instead.

 D170B4

 D170B4

FFFFFF

 B45699

 FFA6EC

 983B7F

 FFC2FF

 7D2066

 FFDFFF

 62004E

 FFFCFF

 480037

 320022

 0A0006

 000000

 D170B4

 D170B4

 D15BAE

 D185BA

 D146A8

 D19AC0

 D131A1

 D1AFC7

 D11C9B

 D1C4CD

 D10895

 D1D9D3

 D10093

 D1EDD9

 D1FFE0

 D1FFE6

 D1FFEC

Harmonies

Analogous

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



A381D8



D170B4



E46A87

Triad

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



D170B4



9F9333



00A6C7

Complementary

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



D170B4



70D18D

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.



00A89C



D170B4



709E47

Square

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



D170B4



C5833D



25A56E



009FE3

Rectangle

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



D170B4



E26E6A



25A56E



00A7BA

Sweetspot

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



D170B4



FFDBF4



8B70D1



806A79



000000



808080

Same Dimension

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



D170B4



FF70D4



D17085



695E65



A80076



29001D

Inverse Universe

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



D170B4



FF70D4



70D1BC



695E65



A80076



29001D

Previews

White Background



This preview shows how the Hex color D170B4 looks on a white background.

Color Contrast Check

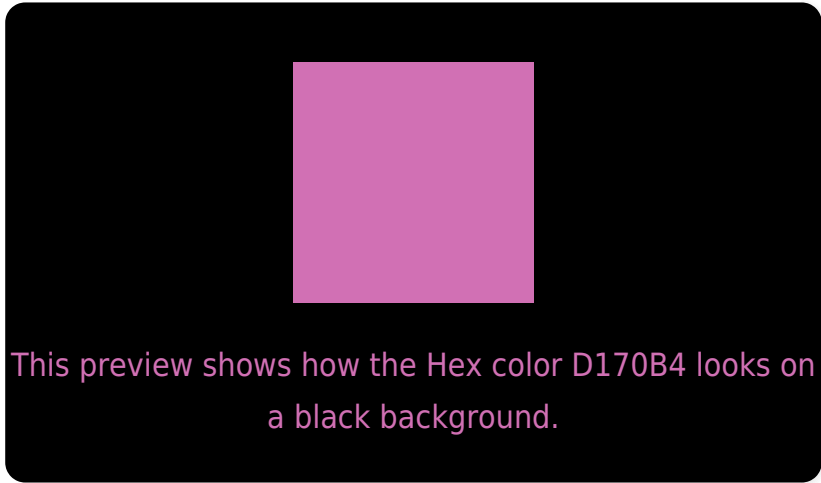
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex D170B4 Background



This preview shows how black text looks on a background with the Hex color D170B4.

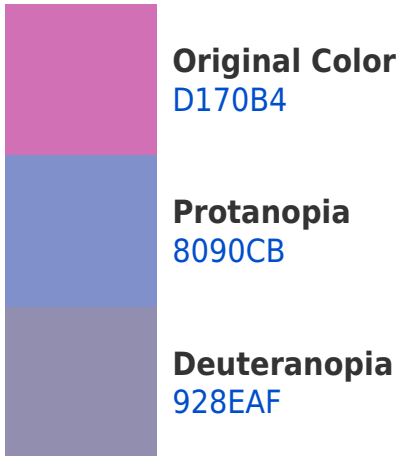



This preview shows how white text looks on a background with the Hex color D170B4.

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](#).

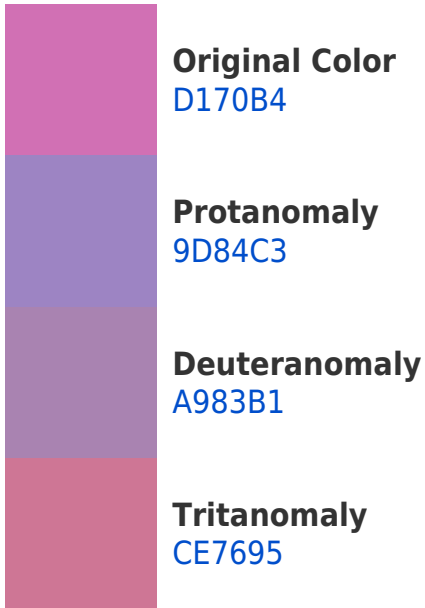
Dichromacy



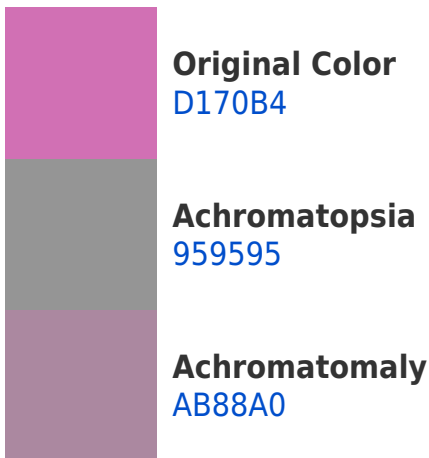


Tritanopia
CC7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D170B4 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 #D170B4 looks like.

```
.text, #text, p{  
    color:#D170B4  
}
```

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 #D170B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D170B4
}
```

Border

The CSS property to change the border of an element to Hex D170B4 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
#D170B4 }
```

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

```
.border{ border-color:#D170B4 }
```

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

Here you see how a box with a 4 pixel #D170B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D170B4; -webkit-box-shadow:4px 4px  
4px 4px #D170B4; box-shadow:4px 4px 4px  
4px #D170B4 }
```

Background

The CSS property to change the background color of an element to Hex D170B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D170B4 }
```

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

```
.background{ background-color:#D170B4 }
```

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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