

Converting Colors

Hex(D172E5)

Have a look what the booklet for
Hex(D172E5) contains.

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Color

Hex(D172E5)

Conversions

Conversions Part 1

Format	Color
Hex	D172E5
RGB	209, 114, 229
RGB Percent	82%, 45%, 90%
CMY	0.1804, 0.5529, 0.1020
CMYK	0.09, 0.50, 0.00, 0.10
HSL	290°, 69%, 67%
HSV	290°, 50%, 90%
XYZ	46.4547, 31.2471, 77.7116
YIQ	155.5150, 19.7050, 55.9050

Conversions

Conversions Part 2

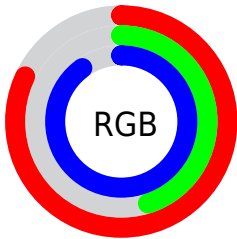
Format	Color
R _Y B	209, 114, 229
Decimal	13726437
CIE Lab	62.72, 54.56, -43.02
CIE LCh	63, 69.479, 321.747
Yxy	31.2471, 0.2989, 0.2011
Android (android.graphics.Color)	4291916517 (0xFFD172E5)
YUV	155.5150, 36.2281, 46.9063
Hunter-Lab	55.8991, 50.5182, -43.2963

Details

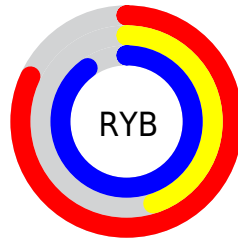
The Hex color **D172E5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86E572**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA9FF**, and **983CAD** is the 20% darker color. If you saturate the color by 10%, you get **CD5BE5**, and if you desaturate by 10%, it is **D589E5**.

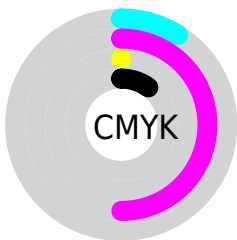
Distribution



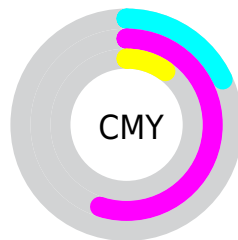
- Red (82%)
- Green (45%)
- Blue (90%)



- Red (82%)
- Yellow (45%)
- Blue (90%)



- Cyan (9%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color D172E5 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 D172E5 by changing the saturation by 10% instead.

 D172E5

 D172E5

FFFFFF

 B457C9

 FFA9FF

 983CAD

 FFC5FF

 7C2092

 FFE2FF

 610078

 47005F

 2E0046

 10002F

 000119

 000000

 D172E5

 D172E5

 CD5BE5

 D589E5

 C944E5

 D9A0E5

 C52DE5

 DDB7E5

 C116E5

 E1CEE5

 BD00E5

 E5E5E5

 E9FBE5

 EDFFE5

 F1FFE5

 F5FFE5

Harmonies

Analogous

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



748FFF



D172E5



FD5AAC

Triad

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



D172E5



C48F00



00B4C4

Complementary

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



D172E5



86E572

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.



00B384



D172E5



8AA204

Square

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



D172E5



EF7536



34AD46



00B0F8

Rectangle

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



D172E5



FF5882



34AD46



00B4AF

Sweetspot

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



D172E5



F8D9FF



7287E5



7C6980



000000



808080

Same Dimension

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



D172E5



E466FF



E572C1



716773



9300B3



2A0033

Inverse Universe

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



E57286



FF6681



72E596



736769



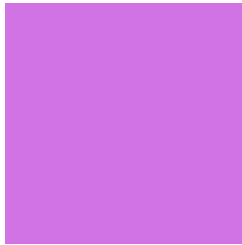
B3001F



330009

Previews

White Background



This preview shows how the Hex color D172E5 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

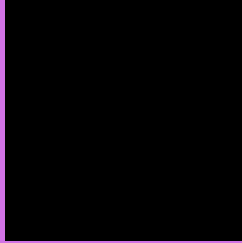
Any Text WCAG AA ✓ Pass

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 D172E5 Background



This preview shows how black text looks on a background with the Hex color D172E5.

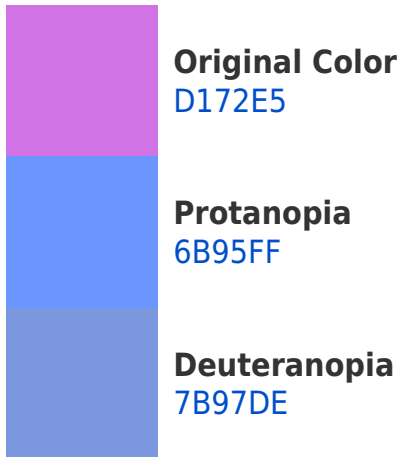



This preview shows how white text looks on a background with the Hex color D172E5.

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](#).

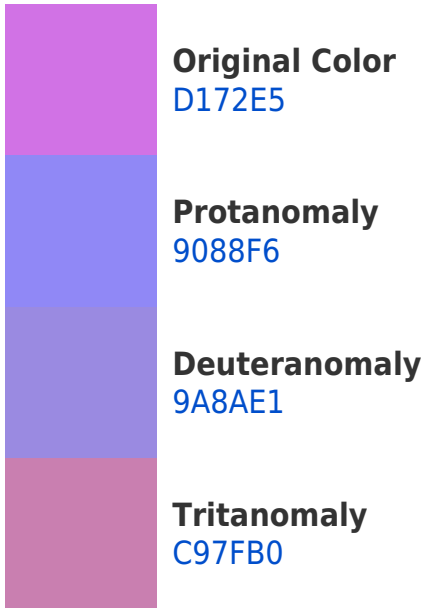
Dichromacy



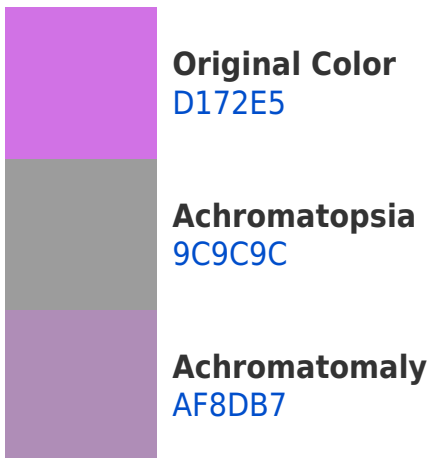


Tritanopia
C58691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D172E5 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 #D172E5 looks like.

```
.text, #text, p{  
    color:#D172E5  
}
```

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 #D172E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D172E5
}
```

Border

The CSS property to change the border of an element to Hex D172E5 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
#D172E5 }
```

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

```
.border{ border-color:#D172E5 }
```

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

Here you see how a box with a 4 pixel #D172E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D172E5; -webkit-box-shadow:4px 4px  
4px 4px #D172E5; box-shadow:4px 4px 4px  
4px #D172E5 }
```

Background

The CSS property to change the background color of an element to Hex D172E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D172E5 }
```

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

```
.background{ background-color:#D172E5 }
```

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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