

Converting Colors

Hex(D175E0)

Have a look what the booklet for
Hex(D175E0) contains.

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Color

Hex(D175E0)

Conversions

Conversions Part 1

Format	Color
Hex	D175E0
RGB	209, 117, 224
RGB Percent	82%, 46%, 88%
CMY	0.1804, 0.5412, 0.1216
CMYK	0.07, 0.48, 0.00, 0.12
HSL	292°, 63%, 67%
HSV	292°, 48%, 88%
XYZ	46.1103, 31.6597, 74.2017
YIQ	156.7060, 20.4850, 52.7810

Conversions

Conversions Part 2

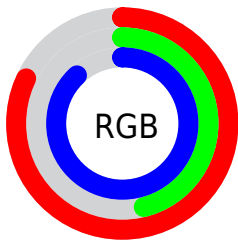
Format	Color
R_{YB}	209, 117, 224
Decimal	13727200
CIE _{Lab}	63.06, 52.10, -39.69
CIE _{LCh}	63, 65.494, 322.699
Yxy	31.6597, 0.3034, 0.2083
Android (android.graphics.Color)	4291917280 (0xFFD175E0)
YUV	156.7060, 33.1759, 45.8618
Hunter-Lab	56.2670, 47.8122, -38.8014

Details

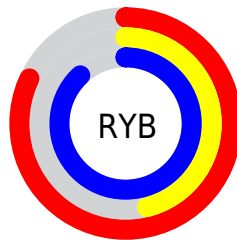
The Hex color **D175E0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84E075**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFACFF**, and **9840A8** is the 20% darker color. If you saturate the color by 10%, you get **CE5FE0**, and if you desaturate by 10%, it is **D48BE0**.

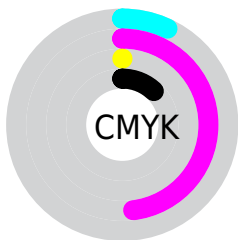
Distribution



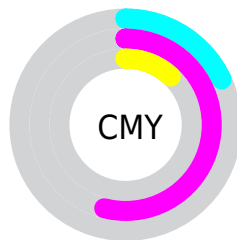
- Red (82%)
- Green (46%)
- Blue (88%)



- Red (82%)
- Yellow (46%)
- Blue (88%)



- Cyan (7%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (54%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color D175E0 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 D175E0 by changing the saturation by 10% instead.

 D175E0

 D175E0

FFFFFF

 B45AC4

 FFACFF

 9840A8

 FFC8FF

 7D248E

 FFE5FF

 620074

 48005A

 2F0042

 12002B

 000115

 000000

 D175E0

 D175E0

 CE5FE0

 D48BE0

 CB48E0

 D7A2E0

 C832E0

 DAB8E0

 C41BE0

 DECFE0

 C105E0

 E1E5E0

 C100E0

 E4FB E0

 E7FFE0

 EAF E0

 EDFFE0

Harmonies

Analogous

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



7D8FFF



D175E0



FA61A9

Triad

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



D175E0



C29111



00B4C4

Complementary

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



D175E0



84E075

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.



00B388



D175E0



8BA31C

Square

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



D175E0



EB793C



3CAE4E



00AFF5

Rectangle

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



D175E0



FF6082



3CAE4E



00B4B0

Sweetspot

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



D175E0



FADBFF



7585E0



7C6A80



000000



808080

Same Dimension

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



D175E0



EB6EFF



E075BB



6F6570



9700B0



2A0030

Inverse Universe

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



E07584



FF6E82



75E09A



706567



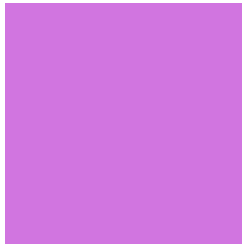
B00019



300007

Previews

White Background



This preview shows how the Hex color D175E0 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

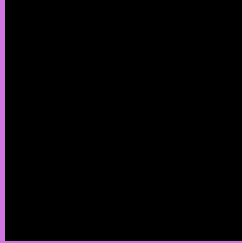
Any Text WCAG AA ✓ Pass

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 D175E0 Background



This preview shows how black text looks on a background with the Hex color D175E0.

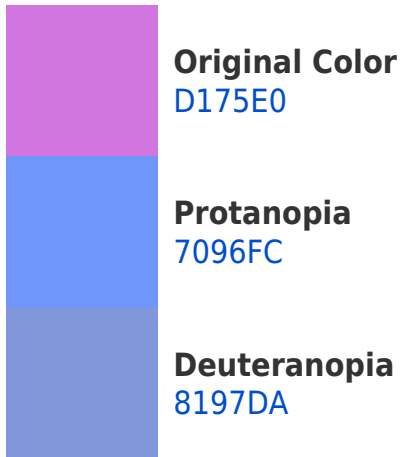


This preview shows how white text looks on a background with the Hex color D175E0.

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](#).

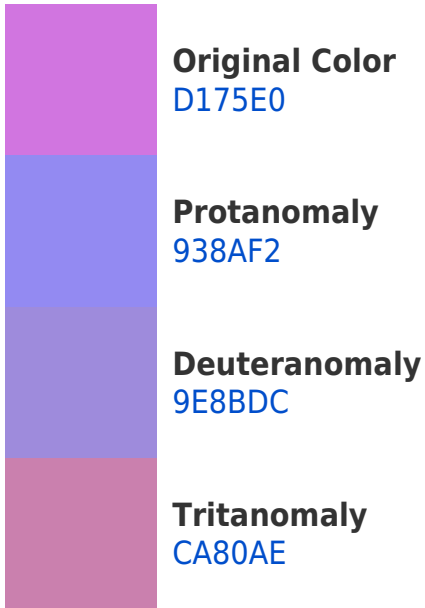
Dichromacy





Tritanopia
C68792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D175E0 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 #D175E0 looks like.

```
.text, #text, p{  
    color:#D175E0  
}
```

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 #D175E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D175E0
}
```

Border

The CSS property to change the border of an element to Hex D175E0 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
#D175E0 }
```

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

```
.border{ border-color:#D175E0 }
```

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

Here you see how a box with a 4 pixel #D175E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D175E0; -webkit-box-shadow:4px 4px  
4px 4px #D175E0; box-shadow:4px 4px 4px  
4px #D175E0 }
```

Background

The CSS property to change the background color of an element to Hex D175E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D175E0 }
```

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

```
.background{ background-color:#D175E0 }
```

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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