

Converting Colors

Hex(D216E1)

Have a look what the booklet for
Hex(D216E1) contains.

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Color

Hex(D216E1)

Conversions

Conversions Part 1

Format	Color
Hex	D216E1
RGB	210, 22, 225
RGB Percent	82%, 9%, 88%
CMY	0.1765, 0.9137, 0.1176
CMYK	0.07, 0.90, 0.00, 0.12
HSL	296°, 82%, 48%
HSV	296°, 90%, 88%
XYZ	40.4559, 19.7117, 72.9066
YIQ	101.3540, 46.8850, 102.9890

Conversions

Conversions Part 2

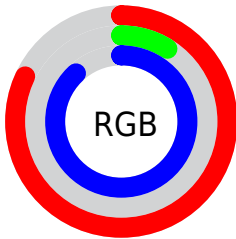
Format	Color
RYB	210, 22, 225
Decimal	13768417
CIELab	51.51, 85.12, -58.57
CIELCh	52, 103.329, 325.467
Yxy	19.7117, 0.3040, 0.1481
Android (android.graphics.Color)	4291958497 (0xFFD216E1)
YUV	101.3540, 60.9575, 95.2825
Hunter-Lab	44.3979, 84.9551, -66.2828

Details

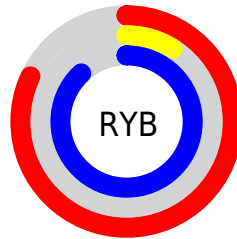
The Hex color **D216E1** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **25E116**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF65FF**, and **9600A9** is the 20% darker color. If you saturate the color by 10%, you get **D000E1**, and if you desaturate by 10%, it is **D42DE1**.

Distribution



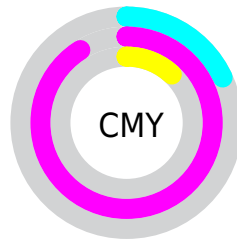
- Red (82%)
- Green (9%)
- Blue (88%)



- Red (82%)
- Yellow (9%)
- Blue (88%)



- Cyan (7%)
- Magenta (90%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (91%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color D216E1 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 D216E1 by changing the saturation by 10% instead.

 D216E1

 D216E1

FFFFFF

 B400C5

 FF65FF

 9600A9

 FF83FF

 79008E

 FFA2FF

 5C0073

 FFC0FF

 40005A

 FFDEFF

 210041

 FFFCFF

 00002A

 000114

 000000

 D216E1

 D216E1

 D000E1

 D42DE1

 D543E1

 D75AE1

 D970E1

 DA87E1

 DC9DE1

 DEB4E1

 DFCAE1

 E1E1E1

Harmonies

Analogous

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



046AFF



D216E1



FF008C

Triad

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



D216E1



A17300



009DC5

Complementary

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



D216E1



25E116

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.



009B6A



D216E1



498B00

Square

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



D216E1



E04200



009600



009AFF

Rectangle

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



D216E1



FF0053



009600



009DA8

Sweetspot

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



D216E1



FABAFF



1627E1



7C5780



000000



808080

Same Dimension

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



D216E1



EC00FF



E1168C



6F6570



A300B0



2D0030

Inverse Universe

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



E11625



FF0013



16E16B



706566



B0000D



300004

Previews

White Background



This preview shows how the Hex color D216E1 looks on a white background.

Color Contrast Check

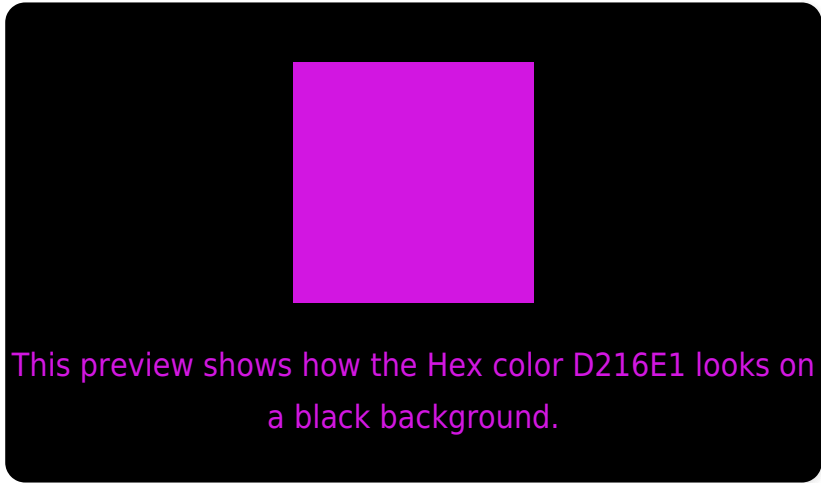
Large Text (above 18pt) WCAG AA ✓ Pass

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

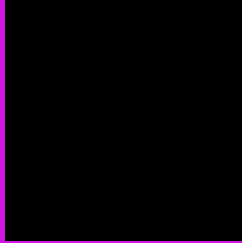
Any Text WCAG AA ✓ Pass

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 D216E1 Background



This preview shows how black text looks on a background with the Hex color D216E1.

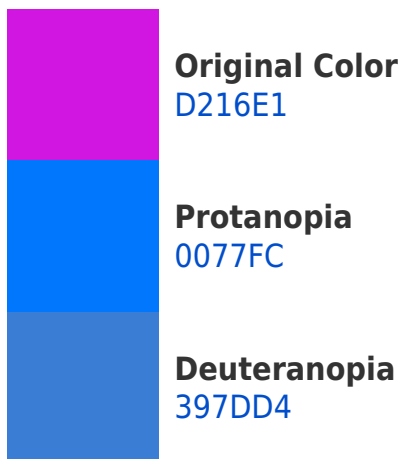



This preview shows how white text looks on a background with the Hex color D216E1.

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
C35A60

Trichromacy



Original Color
D216E1



Protanomaly
4C54F2



Deuteranomaly
7158D9



Tritanomaly
C8418F

Monochromacy



Original Color
D216E1



Achromatopsia
656565



Achromatomaly
8D4892

CSS Examples

Text

The CSS property to change the color of the text to Hex D216E1 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 #D216E1 looks like.

```
.text, #text, p{  
    color:#D216E1  
}
```

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 #D216E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D216E1
}
```

Border

The CSS property to change the border of an element to Hex D216E1 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
#D216E1 }
```

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

```
.border{ border-color:#D216E1 }
```

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

Here you see how a box with a 4 pixel #D216E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D216E1; -webkit-box-shadow:4px 4px  
4px 4px #D216E1; box-shadow:4px 4px 4px  
4px #D216E1 }
```

Background

The CSS property to change the background color of an element to Hex D216E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D216E1 }
```

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

```
.background{ background-color:#D216E1 }
```

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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