

Converting Colors

Hex(D436DC)

Have a look what the booklet for
Hex(D436DC) contains.

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Color

Hex(D436DC)

Conversions

Conversions Part 1

Format	Color
Hex	D436DC
RGB	212, 54, 220
RGB Percent	83%, 21%, 86%
CMY	0.1686, 0.7882, 0.1373
CMYK	0.04, 0.75, 0.00, 0.14
HSL	297°, 70%, 54%
HSV	297°, 75%, 86%
XYZ	41.3888, 21.8027, 69.7371
YIQ	120.1660, 40.8820, 85.1220

Conversions

Conversions Part 2

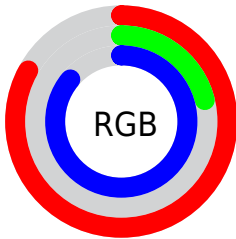
Format	Color
R_{YB}	212, 54, 220
Decimal	13907676
CIE Lab	53.82, 78.05, -52.02
CIE LCh	54, 93.796, 326.314
Yxy	21.8027, 0.3114, 0.1640
Android (android.graphics.Color)	4292097756 (0xFFD436DC)
YUV	120.1660, 49.2182, 80.5384
Hunter-Lab	46.6933, 76.5084, -55.8649

Details

The Hex color **D436DC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3EDC36**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF75FF**, and **9900A4** is the 20% darker color. If you saturate the color by 10%, you get **D320DC**, and if you desaturate by 10%, it is **D54CDC**.

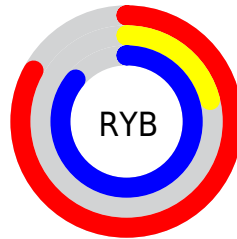
Distribution



Red (83%)

Green (21%)

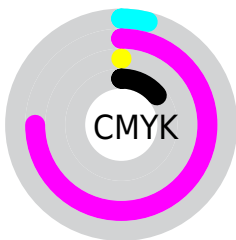
Blue (86%)



Red (83%)

Yellow (21%)

Blue (86%)

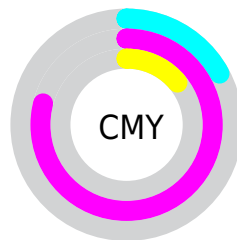


Cyan (4%)

Magenta (75%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (79%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color D436DC 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 D436DC by changing the saturation by 10% instead.

 D436DC

FFFFFF

 FF75FF

 FF93FF

 FFB0FF

 FFCEFF

 FFECFF

 D436DC

 B600C0

 9900A4

 7C0089

 60006F

 440056

 27003E

 000027

 000110

 000000

 D436DC

 D436DC

 D320DC

 D54CDC

 D20ADC

 D662DC

 D100DC

 D778DC

 D88EDC

 D9A4DC

 DABADC

 DBD0DC

 DCE6DC

 DEFCD C

Harmonies

Analogous

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



4D70FF



D436DC



FF008E

Triad

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



D436DC



A57A00



00A1C7

Complementary

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



D436DC



3EDC36

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.



00A074



D436DC



559000

Square

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



D436DC



E05300



009B12



009DFF

Rectangle

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



D436DC



FF0059



009B12



00A1AC

Sweetspot

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



D436DC



FCC4FF



363EDC



7E5C80



000000



808080

Same Dimension

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



D436DC



F417FF



DC3691



6D636E



A500AD



2C002E

Inverse Universe

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



DC363E



FF1722



36DC81



6E6363



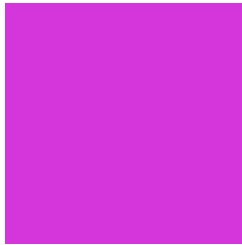
AD0008



2E0002

Previews

White Background



This preview shows how the Hex color D436DC 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

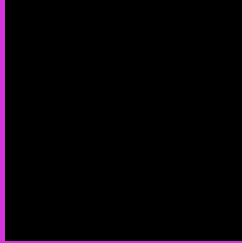
Any Text WCAG AA ✓ Pass

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 D436DC Background



This preview shows how black text looks on a background with the Hex color D436DC.

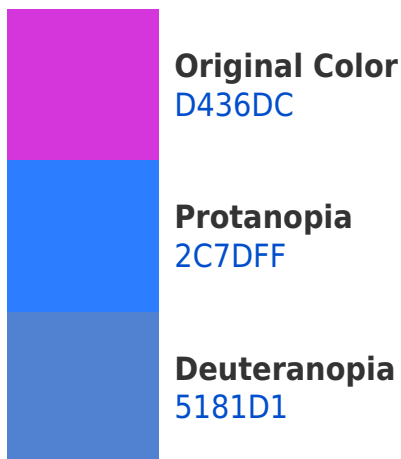


This preview shows how white text looks on a background with the Hex color D436DC.

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
C66168

Trichromacy



Original Color
D436DC



Protanomaly
6963F2



Deuteranomaly
8166D5



Tritanomaly
CB5192

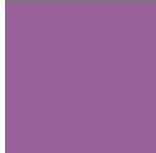
Monochromacy



Original Color
D436DC



Achromatopsia
787878



Achromatomaly
99609C

CSS Examples

Text

The CSS property to change the color of the text to Hex D436DC 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 #D436DC looks like.

```
.text, #text, p{  
    color:#D436DC  
}
```

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 #D436DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D436DC
}
```

Border

The CSS property to change the border of an element to Hex D436DC 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
#D436DC }
```

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

```
.border{ border-color:#D436DC }
```

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

Here you see how a box with a 4 pixel #D436DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D436DC; -webkit-box-shadow:4px 4px  
4px 4px #D436DC; box-shadow:4px 4px 4px  
4px #D436DC }
```

Background

The CSS property to change the background color of an element to Hex D436DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D436DC }
```

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

```
.background{ background-color:#D436DC }
```

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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