

Converting Colors

Hex(D236C1)

Have a look what the booklet for
Hex(D236C1) contains.

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Color

Hex(D236C1)

Conversions

Conversions Part 1

Format	Color
Hex	D236C1
RGB	210, 54, 193
RGB Percent	82%, 21%, 76%
CMY	0.1765, 0.7882, 0.2431
CMYK	0.00, 0.74, 0.08, 0.18
HSL	307°, 63%, 52%
HSV	307°, 74%, 82%
XYZ	37.5231, 20.1902, 52.3715
YIQ	116.4900, 48.3570, 76.3010

Conversions

Conversions Part 2

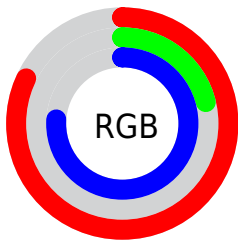
Format	Color
RYB	210, 54, 193
Decimal	13776577
CIELab	52.05, 73.47, -39.37
CIELCh	52, 83.354, 331.813
Yxy	20.1902, 0.3409, 0.1834
Android (android.graphics.Color)	4291966657 (0xFFD236C1)
YUV	116.4900, 37.7194, 82.0083
Hunter-Lab	44.9335, 70.4283, -37.6509

Details

The Hex color **D236C1** 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 **36D247**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF74FA**, and **97008B** is the 20% darker color. If you saturate the color by 10%, you get **D221BF**, and if you desaturate by 10%, it is **D24BC3**.

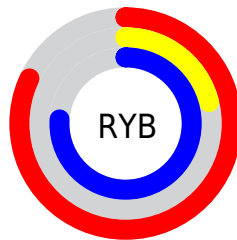
Distribution



Red (82%)

Green (21%)

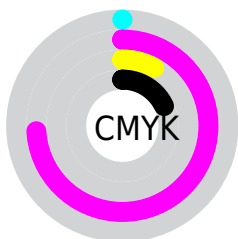
Blue (76%)



Red (82%)

Yellow (21%)

Blue (76%)

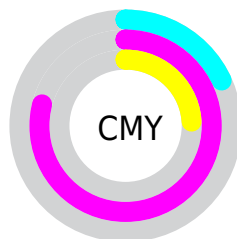


Cyan (0%)

Magenta (74%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (79%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color D236C1 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 D236C1 by changing the saturation by 10% instead.

 D236C1

 D236C1

FFFFFF

 B402A6

 FF74FA

 97008B

 FF91FF

 7B0071

 FFAEFF

 5F0058

 FFCCFF

 440040

 FFEAFF

 280029

 000112

 000000

 D236C1

 D236C1

 D221BF

 D24BC3

 D20CBC

 D260C6

 D200BB

 D275C8

 D28ACA

 D29FCC

 D2B4CF

 D2C9D1

 D2DED3

 D2F3D6

Harmonies

Analogous

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



7766F7



D236C1



F4007B

Triad

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



D236C1



937B00



009AC6

Complementary

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



D236C1



36D247

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.



00997F



D236C1



488D00

Square

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



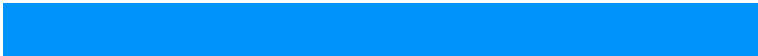
D236C1



CA5C00



009632



0094FB

Rectangle

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



D236C1



F4144C



009632



009AB0

Sweetspot

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



D236C1



FFC7F9



4636D2



805E7C



000000



808080

Same Dimension

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



D236C1



FF1CE6



D23674



695E67



A80096



290024

Inverse Universe

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



D236C1



FF1CE6



36D294



695E67



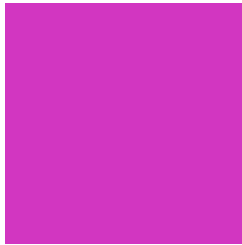
A80096



290024

Previews

White Background



This preview shows how the Hex color D236C1 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

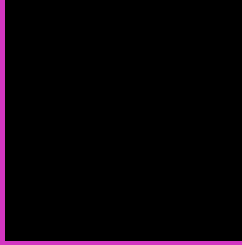
Any Text WCAG AA ✓ Pass

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 D236C1 Background



This preview shows how black text looks on a background with the Hex color D236C1.

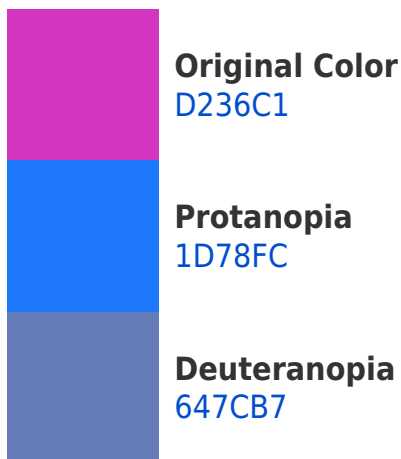



This preview shows how white text looks on a background with the Hex color D236C1.

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
C8585E

Trichromacy



Original Color
D236C1



Protanomaly
5F60E7



Deuteranomaly
8C63BB



Tritanomaly
CC4C82

Monochromacy



Original Color
D236C1



Achromatopsia
747474



Achromatomaly
965D90

CSS Examples

Text

The CSS property to change the color of the text to Hex D236C1 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 #D236C1 looks like.

```
.text, #text, p{  
    color:#D236C1  
}
```

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 #D236C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D236C1
}
```

Border

The CSS property to change the border of an element to Hex D236C1 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
#D236C1 }
```

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

```
.border{ border-color:#D236C1 }
```

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

Here you see how a box with a 4 pixel #D236C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D236C1; -webkit-box-shadow:4px 4px  
4px 4px #D236C1; box-shadow:4px 4px 4px  
4px #D236C1 }
```

Background

The CSS property to change the background color of an element to Hex D236C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D236C1 }
```

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

```
.background{ background-color:#D236C1 }
```

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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