

# Converting Colors

Hex(DB28CE)

Have a look what the booklet for  
Hex(DB28CE) contains.

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# Color

Hex(DB28CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	DB28CE
RGB	219, 40, 206
RGB Percent	86%, 16%, 81%
CMY	0.1412, 0.8431, 0.1922
CMYK	0.00, 0.82, 0.06, 0.14
HSL	304°, 71%, 51%
HSV	304°, 82%, 86%
XYZ	41.1128, 21.0339, 60.2856
YIQ	112.4450, 53.3980, 89.5740

# Conversions

## Conversions Part 2

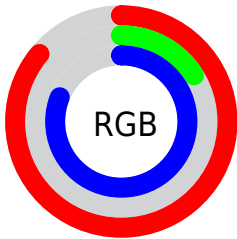
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 40, 206</a>
Decimal	<a href="#">14362830</a>
CIELab	<a href="#">52.99, 80.78, -45.29</a>
CIELCh	<a href="#">53, 92.609, 330.725</a>
Yxy	<a href="#">21.0339, 0.3358, 0.1718</a>
Android (android.graphics.Color)	<a href="#">4292552910 (0xFFDB28CE)</a>
YUV	<a href="#">112.4450, 46.1226, 93.4487</a>
Hunter-Lab	<a href="#">45.8627, 79.7533, -45.8316</a>

# Details

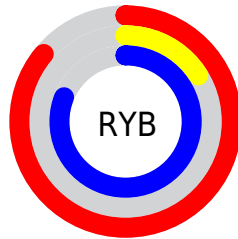
The Hex color **DB28CE** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **28DB35**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6DFF**, and **9F0097** is the 20% darker color. If you saturate the color by 10%, you get **DB12CC**, and if you desaturate by 10%, it is **DB3ED0**.

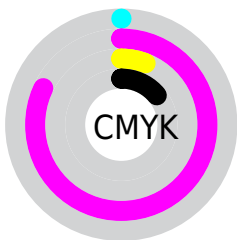
# Distribution



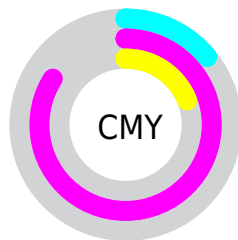
- Red (86%)
- Green (16%)
- Blue (81%)



- Red (86%)
- Yellow (16%)
- Blue (81%)



- Cyan (0%)
- Magenta (82%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (84%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB28CE 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 DB28CE by changing the saturation by 10% instead.



 DB28CE

 DB28CE

FFFFFF

 BD00B2

 FF6DFF

 9F0097

 FF8BFF

 82007D

 FFA9FF

 660063

 FFC7FF

 4A004B

 FFE5FF

 2E0033

 01001D

 000000

 DB28CE

 DB28CE

 DB12CC

 DB3ED0

 DB00CB

 DB54D1

 DB6AD3

 DB80D4

 DB95D6

 DBABD8

 DBC1D9

 DBD7DB

 DBEDDC

# Harmonies

## Analogous

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



6E68FF



DB28CE



FF0080

# Triad

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



DB28CE



997C00



009FCF

# Complementary

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



DB28CE



28DB35

# 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.



009E7E



DB28CE



449000

# Square

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



DB28CE



D55800



009A25



009AFF

# Rectangle

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



DB28CE



FF004C



009A25



009FB5



# Sweetspot

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



DB28CE



FFBFFA



3428DB



80597D



000000



808080



# Same Dimension

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



DB28CE



FF05ED



DB2876



6E636D



AD00A1



2E002B



# Inverse Universe

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



DB28CE



FF05ED



28DB8D



6E636D



AD00A1



2E002B



# Previews

## White Background



This preview shows how the Hex color DB28CE 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

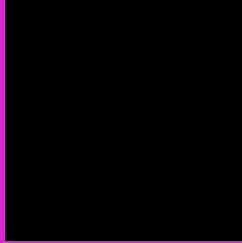
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DB28CE Background



This preview shows how black text looks on a background with the Hex color DB28CE.

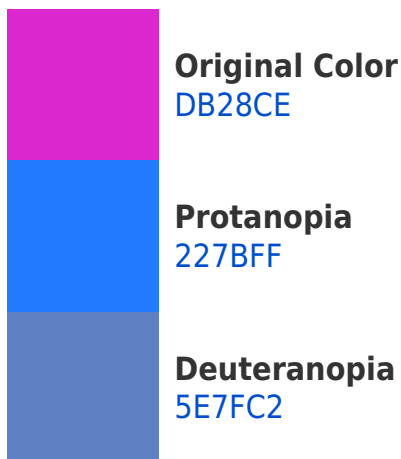


This preview shows how white text looks on a background with the Hex color DB28CE.

# Color Blindness Simulation

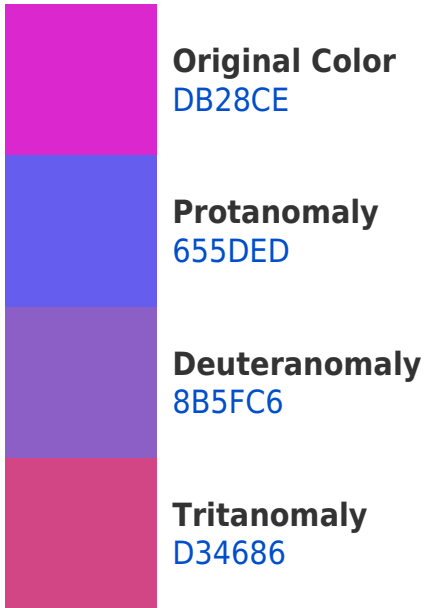
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB28CE 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 #DB28CE looks like.

```
.text, #text, p{  
    color:#DB28CE  
}
```

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 #DB28CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB28CE
}
```

## Border

The CSS property to change the border of an element to Hex DB28CE 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
#DB28CE }
```

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

```
.border{ border-color:#DB28CE }
```

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

Here you see how a box with a 4 pixel #DB28CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB28CE; -webkit-box-shadow:4px 4px  
4px 4px #DB28CE; box-shadow:4px 4px 4px  
4px #DB28CE }
```

# Background

The CSS property to change the background color of an element to Hex DB28CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB28CE }
```

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

```
.background{ background-color:#DB28CE }
```

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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