

# Converting Colors

Hex(DC3CE8)

Have a look what the booklet for  
Hex(DC3CE8) contains.

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# Color

Hex(DC3CE8)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DC3CE8                     |
| RGB         | 220, 60, 232               |
| RGB Percent | 86%, 24%, 91%              |
| CMY         | 0.1373, 0.7647, 0.0902     |
| CMYK        | 0.05, 0.74, 0.00, 0.09     |
| HSL         | 296°, 79%, 57%             |
| HSV         | 296°, 74%, 91%             |
| XYZ         | 45.6965, 24.2736, 78.6207  |
| YIQ         | 127.4480, 40.1480, 87.4120 |

# Conversions

## Conversions Part 2

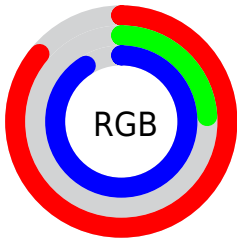
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 220, 60, 232                  |
| Decimal                             | 14433512                      |
| CIE Lab                             | 56.36, 79.80, -54.67          |
| CIE LCh                             | 56, 96.729, 325.586           |
| Yxy                                 | 24.2736, 0.3075,<br>0.1634    |
| Android<br>(android.graphics.Color) | 4292623592<br>(0xFFDC3CE8)    |
| YUV                                 | 127.4480, 51.5441,<br>81.1681 |
| Hunter-Lab                          | 49.2682, 79.3404,<br>-60.1255 |

# Details

The Hex color **DC3CE8** 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 **48E83C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7BFF**, and **A100AF** is the 20% darker color. If you saturate the color by 10%, you get **DA25E8**, and if you desaturate by 10%, it is **DE53E8**.

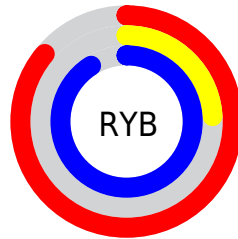
# Distribution



Red (86%)

Green (24%)

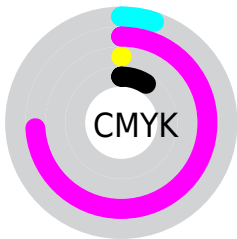
Blue (91%)



Red (86%)

Yellow (24%)

Blue (91%)

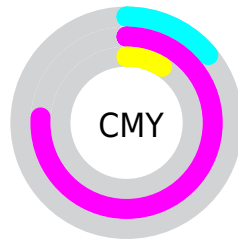


Cyan (5%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (76%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC3CE8 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 DC3CE8 by changing the saturation by 10% instead.



 DC3CE8

 DC3CE8

FFFFFF

 BE0BCB

 FF7BFF

 A100AF

 FF99FF

 840094

 FFB6FF

 67007A

 FFD4FF

 4A0060

 FFF2FF

 2F0048

 090030

 00011A

 000000

 DC3CE8

 DC3CE8

 DA25E8

 DE53E8

 D90EE8

 DF6AE8

 D800E8

 E182E8

 E299E8

 E4B0E8

 E6C7E8

 E7DEE8

 E9F6E8

 EBFFE8

# Harmonies

## Analogous

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



4B77FF



DC3CE8



FF0098

# Triad

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



DC3CE8



AF8000



00A9CE

# Complementary

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



DC3CE8



48E83C

# 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.



00A878



DC3CE8



5D9700

# Square

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



DC3CE8



EB5600



00A310



00A5FF

# Rectangle

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



DC3CE8



FF0060



00A310



00A9B2



# Sweetspot

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



DC3CE8



FBC7FF



3C4AE8



7D5E80



000000



808080



# Same Dimension

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



DC3CE8



EF1CFF



E83CA0



726773



A600B3



2F0033



# Inverse Universe

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



E83C48



FF1C2C



3CE884



736768



B3000C



330004



# Previews

## White Background



This preview shows how the Hex color DC3CE8 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

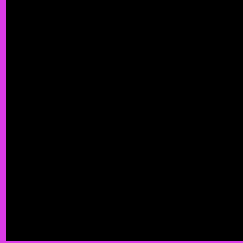
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DC3CE8 Background



This preview shows how black text looks on a background with the Hex color DC3CE8.

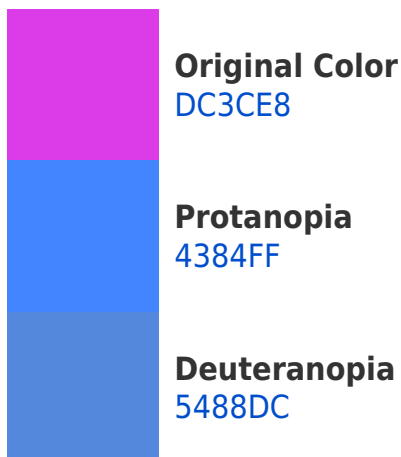


This preview shows how white text looks on a background with the Hex color DC3CE8.

# 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



**Original Color**  
DC3CE8



**Protanomaly**  
7B6AF7



**Deuteranomaly**  
856CE0



**Tritanomaly**  
D3589B

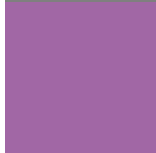
# Monochromacy



**Original Color**  
DC3CE8



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
A167A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC3CE8 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 #DC3CE8 looks like.

```
.text, #text, p{  
    color:#DC3CE8  
}
```

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 #DC3CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3CE8
}
```

## Border

The CSS property to change the border of an element to Hex DC3CE8 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
#DC3CE8 }
```

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

```
.border{ border-color:#DC3CE8 }
```

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

Here you see how a box with a 4 pixel #DC3CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3CE8; -webkit-box-shadow:4px 4px  
4px 4px #DC3CE8; box-shadow:4px 4px 4px  
4px #DC3CE8 }
```

# Background

The CSS property to change the background color of an element to Hex DC3CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3CE8 }
```

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

```
.background{ background-color:#DC3CE8 }
```

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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