

# Converting Colors

Hex(DC96E0)

Have a look what the booklet for  
Hex(DC96E0) contains.

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# Color

**Hex(DC96E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC96E0
RGB	220, 150, 224
RGB Percent	86%, 59%, 88%
CMY	0.1373, 0.4118, 0.1216
CMYK	0.02, 0.33, 0.00, 0.12
HSL	297°, 54%, 73%
HSV	297°, 33%, 88%
XYZ	53.8761, 42.4102, 75.8674
YIQ	179.3660, 17.9660, 37.8540

# Conversions

## Conversions Part 2

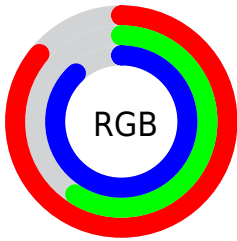
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 150, 224
Decimal	14456544
CIE <sub>Lab</sub>	71.15, 38.14, -27.04
CIE <sub>LCh</sub>	71, 46.756, 324.660
Y <sub>xy</sub>	42.4102, 0.3130, 0.2464
Android (android.graphics.Color)	4292646624 (0xFFDC96E0)
YUV	179.3660, 22.0046, 35.6360
Hunter-Lab	65.1231, 33.7070, -23.4858

# Details

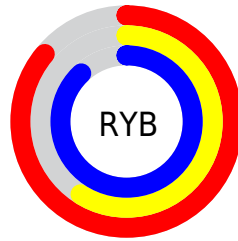
The Hex color **DC96E0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AE096**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCDFF**, and **A462A9** is the 20% darker color. If you saturate the color by 10%, you get **DB80E0**, and if you desaturate by 10%, it is **DDACE0**.

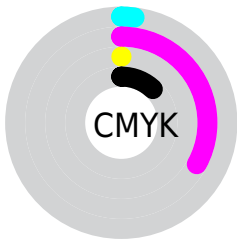
# Distribution



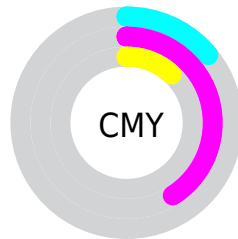
- Red (86%)
- Green (59%)
- Blue (88%)



- Red (86%)
- Yellow (59%)
- Blue (88%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (41%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC96E0 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 DC96E0 by changing the saturation by 10% instead.



 DC96E0

FFFFFF

 FFCDEF

 FFEAFD

 DC96E0

 C07BC4

 A462A9

 89498E

 6E3074

 55175B

 3C0043

 27002D

 000117

 000000

 DC96E0

 DC96E0

 DB80E0

 DDACE0

 DA69E0

 DEC3E0

 D853E0

 E0D9E0

 D73CE0

 E1F0E0

 D626E0

 E2FFE0

 D510E0

 E3FFE0

 D400E0

 E4FFE0

 E6FFE0

 E7FFE0

# Harmonies

## Analogous

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



A6A6FC



DC96E0



FA8CB8

# Triad

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



DC96E0



CFA958



00C4D0

# Complementary

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



DC96E0



9AE096

# 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.



21C4A5



DC96E0



A5B65E

# Square

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



DC96E0



EF9A6A



72BF7B



00BFF3

# Rectangle

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



DC96E0



FF8C9B



72BF7B



00C4C2



# Sweetspot

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



DC96E0



FEE6FF



969BE0



7F7080



000000



808080



# Same Dimension

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



DC96E0



F999FF



E096C0



706570



A600B0



2E0030



# Inverse Universe

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



E0969A



FF999F



96E0B6



706566



B0000A

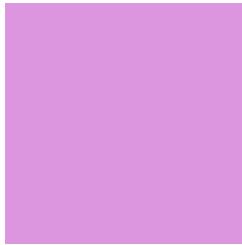


300003



# Previews

## White Background



This preview shows how the Hex color DC96E0 looks on a white background.

## Color Contrast Check

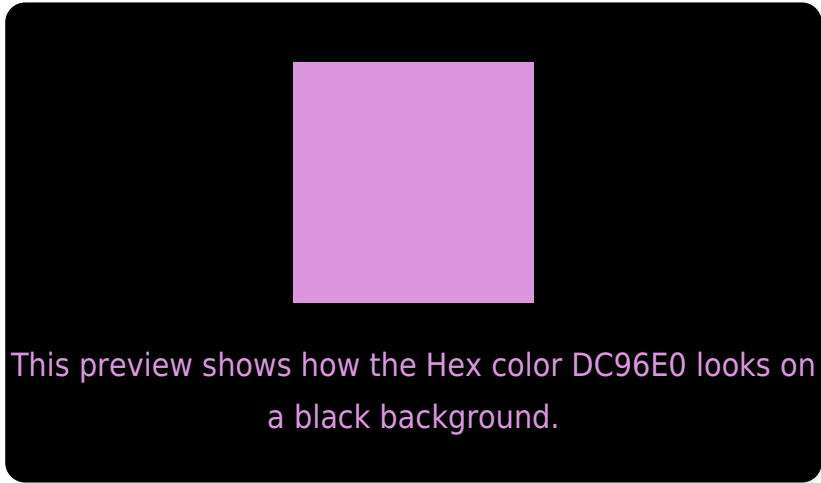
Large Text (above 18pt) WCAG AA × Fail

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

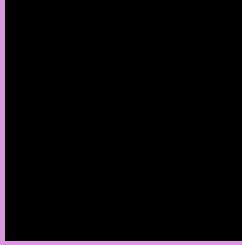
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC96E0 Background



This preview shows how black text looks on a background with the Hex color DC96E0.

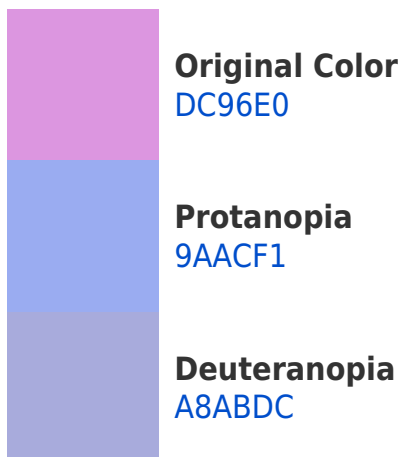


This preview shows how white text looks on a background with the Hex color DC96E0.

# 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**  
D5A0AD

# Trichromacy



**Original Color**  
DC96E0



**Protanomaly**  
B2A4EB



**Deuteranomaly**  
BBA3DD

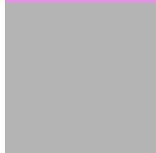


**Tritanomaly**  
D89CC0

# Monochromacy



**Original Color**  
DC96E0



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C2A8C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC96E0 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 #DC96E0 looks like.

```
.text, #text, p{  
    color:#DC96E0  
}
```

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 #DC96E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC96E0
}
```

## Border

The CSS property to change the border of an element to Hex DC96E0 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
#DC96E0 }
```

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

```
.border{ border-color:#DC96E0 }
```

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

Here you see how a box with a 4 pixel #DC96E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC96E0; -webkit-box-shadow:4px 4px  
4px 4px #DC96E0; box-shadow:4px 4px 4px  
4px #DC96E0 }
```

# Background

The CSS property to change the background color of an element to Hex DC96E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC96E0 }
```

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

```
.background{ background-color:#DC96E0 }
```

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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