

# Converting Colors

Hex(DC5DDC)

Have a look what the booklet for  
Hex(DC5DDC) contains.

<b>Hex(DC5DDC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DC5DDC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC5DDC
RGB	220, 93, 220
RGB Percent	86%, 36%, 86%
CMY	0.1373, 0.6353, 0.1373
CMYK	0.00, 0.58, 0.00, 0.14
HSL	300°, 64%, 61%
HSV	300°, 58%, 86%
XYZ	46.3478, 28.2117, 70.7127
YIQ	145.4510, 34.9250, 66.4210

# Conversions

## Conversions Part 2

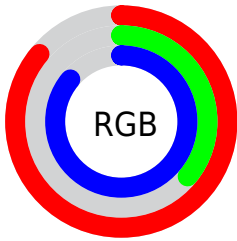
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 93, 220
Decimal	14441948
CIE <sub>Lab</sub>	60.08, 65.62, -42.03
CIE <sub>LCh</sub>	60, 77.926, 327.363
Yxy	28.2117, 0.3190, 0.1942
Android (android.graphics.Color)	4292632028 (0xFFDC5DDC)
YUV	145.4510, 36.7527, 65.3795
Hunter-Lab	53.1146, 62.8084, -41.7539

# Details

The Hex color **DC5DDC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5DDC5D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF96FF**, and **A21EA4** is the 20% darker color. If you saturate the color by 10%, you get **DC47DC**, and if you desaturate by 10%, it is **DC73DC**.

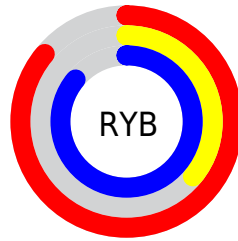
# Distribution



Red (86%)

Green (36%)

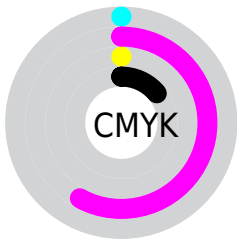
Blue (86%)



Red (86%)

Yellow (36%)

Blue (86%)

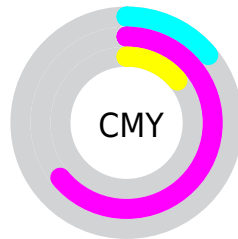


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (64%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC5DDC 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 DC5DDC by changing the saturation by 10% instead.



 DC5DDC

 DC5DDC

FFFFFF

 BF40C0

 FF96FF

 A21EA4

 FFB2FF

 86008A

 FFCFFF

 6A0070

 FFE0FF

 4E0057

 36003F

 160028

 000111

 000000

 DC5DDC

 DC5DDC

 DC47DC

 DC73DC

 DC31DC

 DC89DC

 DC1BDC

 DC9FDC

 DC05DC

 DCB5DC

 DC00DC

 DCCBDC

 DCE1DC

 DCF7DC

 DCFFDC

# Harmonies

## Analogous

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



7D81FF



DC5DDC



FF409A

# Triad

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



DC5DDC



B48C00



00AFCE

# Complementary

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



DC5DDC



5DDC5D

# 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.



00AE88



DC5DDC



719F00

# Square

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



DC5DDC



E66F0E



00AA40



00AAFF

# Rectangle

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



DC5DDC



FF436C



00AA40



00AFB8



# Sweetspot

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



DC5DDC



FFD4FF



5D5DDC



806680



000000



808080



# Same Dimension

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



DC5DDC



FF4FFF



DC5D9D



6E636E



AD00AD



2E002E



# Inverse Universe

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



DC5DDC



FF4FFF



5DDC9D



6E636E



AD00AD

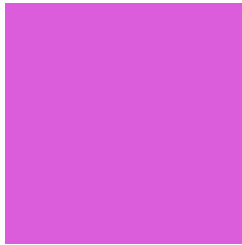


2E002E



# Previews

## White Background



This preview shows how the Hex color DC5DDC looks on a white background.

## Color Contrast Check

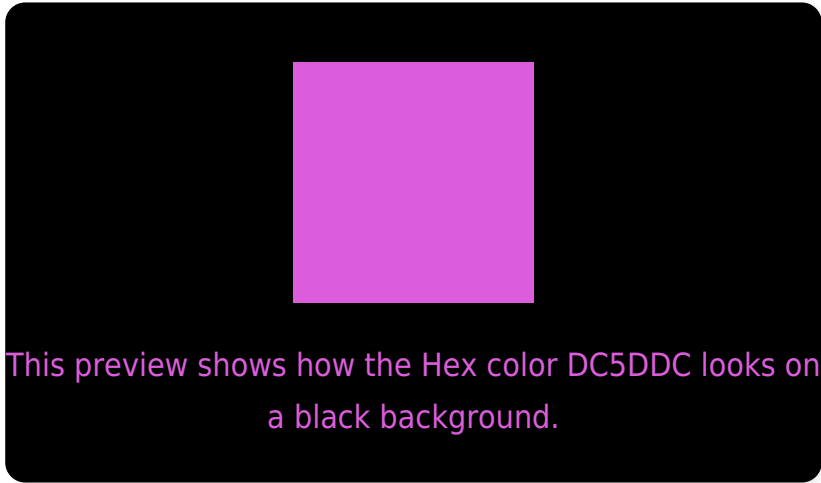
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC5DDC Background



This preview shows how black text looks on a background with the Hex color DC5DDC.

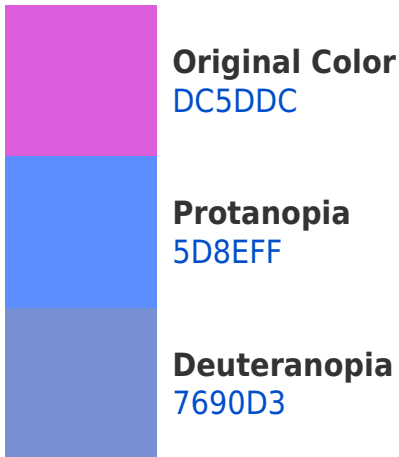



This preview shows how white text looks on a background with the Hex color DC5DDC.

# 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**  
D1767F

# Trichromacy



**Original Color**  
DC5DDC



**Protanomaly**  
8B7CF2



**Deuteranomaly**  
9B7DD6



**Tritanomaly**  
D56DA1

# Monochromacy



**Original Color**  
DC5DDC



**Achromatopsia**  
919191



**Achromatomaly**  
AC7EAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC5DDC 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 #DC5DDC looks like.

```
.text, #text, p{  
    color:#DC5DDC  
}
```

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 #DC5DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5DDC
}
```

## Border

The CSS property to change the border of an element to Hex DC5DDC 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
#DC5DDC }
```

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

```
.border{ border-color:#DC5DDC }
```

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

Here you see how a box with a 4 pixel #DC5DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5DDC; -webkit-box-shadow:4px 4px  
4px 4px #DC5DDC; box-shadow:4px 4px 4px  
4px #DC5DDC }
```

# Background

The CSS property to change the background color of an element to Hex DC5DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5DDC }
```

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

```
.background{ background-color:#DC5DDC }
```

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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