

# Converting Colors

Hex(DC5CE8)

Have a look what the booklet for  
Hex(DC5CE8) contains.

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# Color

Hex(DC5CE8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC5CE8
RGB	220, 92, 232
RGB Percent	86%, 36%, 91%
CMY	0.1373, 0.6392, 0.0902
CMYK	0.05, 0.60, 0.00, 0.09
HSL	295°, 75%, 64%
HSV	295°, 60%, 91%
XYZ	47.9078, 28.6961, 79.3578
YIQ	146.2320, 31.3480, 70.6760

# Conversions

## Conversions Part 2

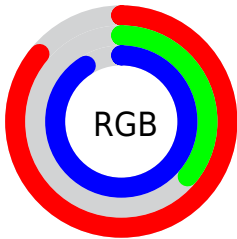
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 92, 232
Decimal	14441704
CIE <sub>Lab</sub>	60.51, 68.12, -48.07
CIE <sub>LCh</sub>	61, 83.374, 324.792
Yxy	28.6961, 0.3072, 0.1840
Android (android.graphics.Color)	4292631784 (0xFFDC5CE8)
YUV	146.2320, 42.2836, 64.6945
Hunter-Lab	53.5688, 65.8915, -50.3352

# Details

The Hex color **DC5CE8** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **68E85C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF95FF**, and **A21BB0** is the 20% darker color. If you saturate the color by 10%, you get **DA45E8**, and if you desaturate by 10%, it is **DE73E8**.

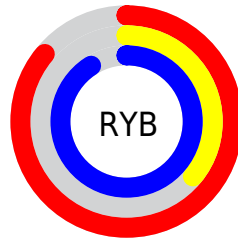
# Distribution



Red (86%)

Green (36%)

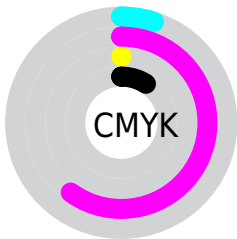
Blue (91%)



Red (86%)

Yellow (36%)

Blue (91%)

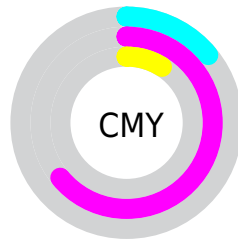


Cyan (5%)

Magenta (60%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (64%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC5CE8 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 DC5CE8 by changing the saturation by 10% instead.



 DC5CE8

 DC5CE8

FFFFFF

 BF3ECC

 FF95FF

 A21BB0

 FFB2FF

 850095

 FFCFFF

 69007A

 FFECFF

 4E0061

 350048

 150031

 00011B

 000000

 DC5CE8

 DC5CE8

 DA45E8

 DE73E8

 D82EE8

 E08AE8

 D616E8

 E2A2E8

 D400E8

 E4B9E8

 E6D0E8

 E8E7E8

 EAFEE8

 ECFEE8

 EEFFE8

# Harmonies

## Analogous

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



6B84FF



DC5CE8



FF35A2

# Triad

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



DC5CE8



BB8A00



00B2CE

# Complementary

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



DC5CE8



68E85C

# 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.



00B182



DC5CE8



75A000

# Square

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



DC5CE8



F06905



00AB34



00ADFF

# Rectangle

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



DC5CE8



FF3671



00AB34



00B2B6



# Sweetspot

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



DC5CE8



FBD1FF



5C6AE8



7D6380



000000



808080



# Same Dimension

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



DC5CE8



EF47FF



E85CB0



726773



A300B3



2F0033



# Inverse Universe

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



E85C68



FF4757



5CE894



736768



B3000F

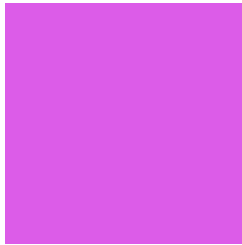


330004



# Previews

## White Background



This preview shows how the Hex color DC5CE8 looks on a white background.

## Color Contrast Check

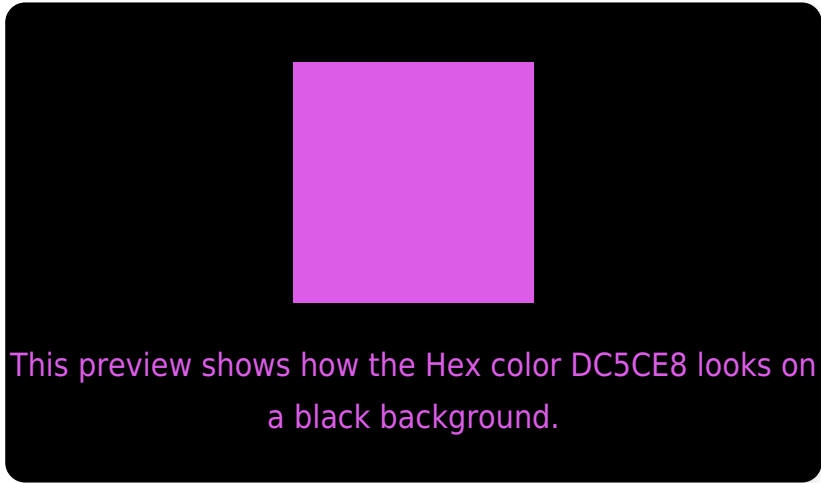
Large Text (above 18pt) WCAG AA ✓ Pass

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

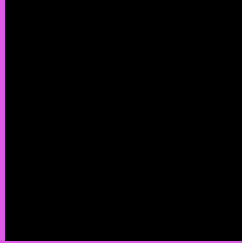
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DC5CE8 Background



This preview shows how black text looks on a background with the Hex color DC5CE8.

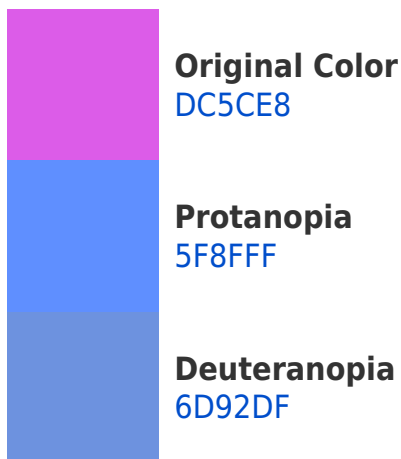


This preview shows how white text looks on a background with the Hex color DC5CE8.

# 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](#).

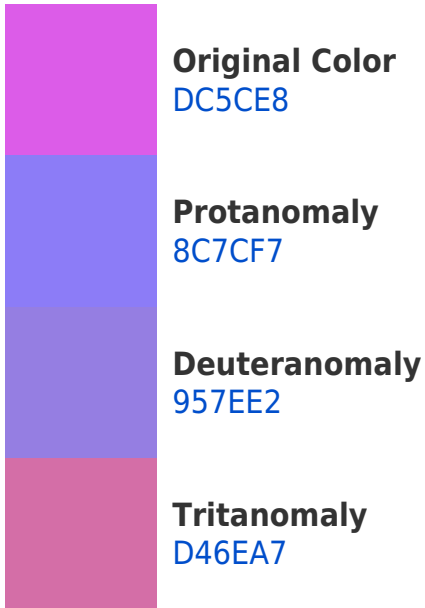
## Dichromacy





**Tritanopia**  
CF7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC5CE8 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 #DC5CE8 looks like.

```
.text, #text, p{  
    color:#DC5CE8  
}
```

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 #DC5CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5CE8
}
```

## Border

The CSS property to change the border of an element to Hex DC5CE8 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
#DC5CE8 }
```

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

```
.border{ border-color:#DC5CE8 }
```

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

Here you see how a box with a 4 pixel #DC5CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5CE8; -webkit-box-shadow:4px 4px  
4px 4px #DC5CE8; box-shadow:4px 4px 4px  
4px #DC5CE8 }
```

# Background

The CSS property to change the background color of an element to Hex DC5CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5CE8 }
```

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

```
.background{ background-color:#DC5CE8 }
```

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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