

# Converting Colors

Hex(DB5EED)

Have a look what the booklet for  
Hex(DB5EED) contains.

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# Color

**Hex(DB5EED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB5EED
RGB	219, 94, 237
RGB Percent	86%, 37%, 93%
CMY	0.1412, 0.6314, 0.0706
CMYK	0.08, 0.60, 0.00, 0.07
HSL	292°, 80%, 65%
HSV	292°, 60%, 93%
XYZ	48.5022, 29.1799, 83.1967
YIQ	147.6770, 28.5970, 70.9730

# Conversions

## Conversions Part 2

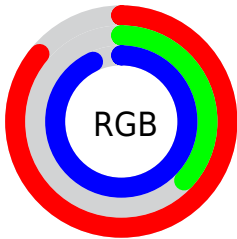
Format	Color
R <sub>Y</sub> B	219, 94, 237
Decimal	14376685
CIE Lab	60.94, 67.92, -50.19
CIE LCh	61, 84.449, 323.537
Yxy	29.1799, 0.3015, 0.1814
Android (android.graphics.Color)	4292566765 (0xFFDB5EED)
YUV	147.6770, 44.0362, 62.5503
Hunter-Lab	54.0184, 65.7397, -53.5028

# Details

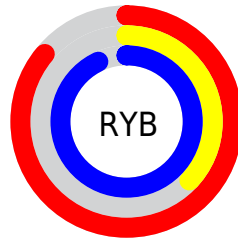
The Hex color **DB5EED** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **70ED5E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF97FF**, and **A11FB4** is the 20% darker color. If you saturate the color by 10%, you get **D846ED**, and if you desaturate by 10%, it is **DE76ED**.

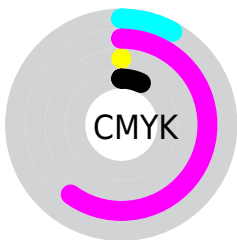
# Distribution



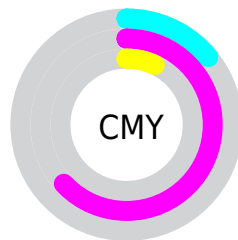
- Red (86%)
- Green (37%)
- Blue (93%)



- Red (86%)
- Yellow (37%)
- Blue (93%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (63%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5EED 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 DB5EED by changing the saturation by 10% instead.



 DB5EED

FFFFFF

 FF97FF

 FFB3FF

 FFD0FF

 FFE0FF

 DB5EED

 BE41D0

 A11FB4

 840099

 68007F

 4C0065

 33004C

 130034

 00021E

 000000

 DB5EED

 DB5EED

 D846ED

 DE76ED

 D52FED

 E18DED

 D217ED

 E4A5ED

 CF00ED

 E7BDED

 EAD4ED

 EDECED

 F0FFED

 F3FFED

 F6FFED

# Harmonies

## Analogous

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



6387FF



DB5EED



FF34A7

# Triad

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



DB5EED



BF8A00



00B3CD

# Complementary

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



DB5EED



70ED5E

# 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.



00B280



DB5EED



79A000

# Square

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



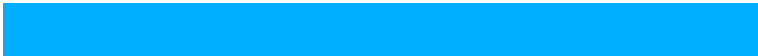
DB5EED



F4680A



00AD2F



00AFFF

# Rectangle

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



DB5EED



FF3375



00AD2F



00B3B4



# Sweetspot

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



DB5EED



F9D1FF



5E71ED



7C6380



000000



808080



# Same Dimension

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



DB5EED



E847FF



ED5EB9



746A75



9E00B5



2F0036



# Inverse Universe

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



ED5E70



FF475F



5EED92



756A6B



B50017

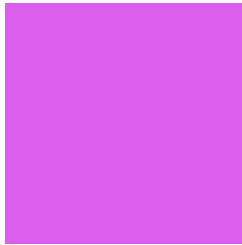


360007



# Previews

## White Background



This preview shows how the Hex color DB5EED looks on a white background.

## Color Contrast Check

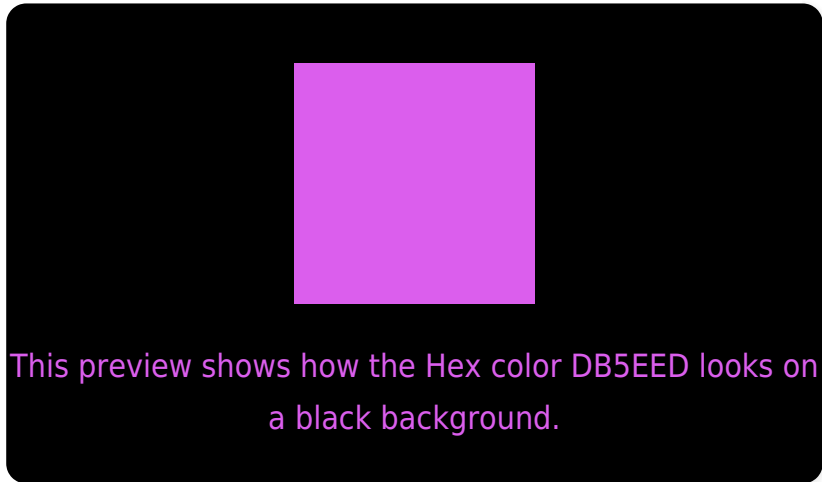
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5EED Background



This preview shows how black text looks on a background with the Hex color DB5EED.

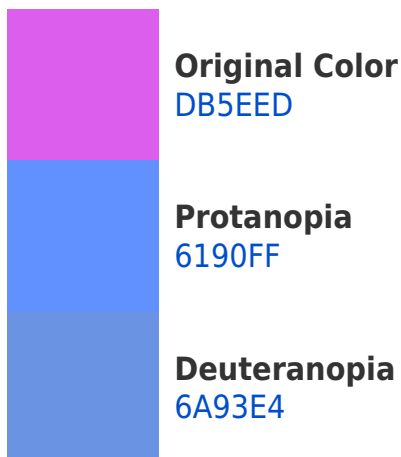


This preview shows how white text looks on a background with the Hex color DB5EED.

# 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**  
CD7B85

# Trichromacy



**Original Color**  
DB5EED



**Protanomaly**  
8D7EF8



**Deuteranomaly**  
9380E7



**Tritanomaly**  
D270AB

# Monochromacy



**Original Color**  
DB5EED



**Achromatopsia**  
949494



**Achromatomaly**  
AE80B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5EED 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 #DB5EED looks like.

```
.text, #text, p{  
    color:#DB5EED  
}
```

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 #DB5EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5EED
}
```

## Border

The CSS property to change the border of an element to Hex DB5EED 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
#DB5EED }
```

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

```
.border{ border-color:#DB5EED }
```

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

Here you see how a box with a 4 pixel #DB5EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5EED; -webkit-box-shadow:4px 4px  
4px 4px #DB5EED; box-shadow:4px 4px 4px  
4px #DB5EED }
```

# Background

The CSS property to change the background color of an element to Hex DB5EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5EED }
```

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

```
.background{ background-color:#DB5EED }
```

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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