

Converting Colors

Hex(DB6DEF)

Have a look what the booklet for
Hex(DB6DEF) contains.

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Color

Hex(DB6DEF)

Conversions

Conversions Part 1

Format	Color
Hex	DB6DEF
RGB	219, 109, 239
RGB Percent	86%, 43%, 94%
CMY	0.1412, 0.5725, 0.0627
CMYK	0.08, 0.54, 0.00, 0.06
HSL	291°, 80%, 68%
HSV	291°, 54%, 94%
XYZ	50.2620, 32.2293, 85.2331
YIQ	156.7100, 23.8300, 63.7500

Conversions

Conversions Part 2

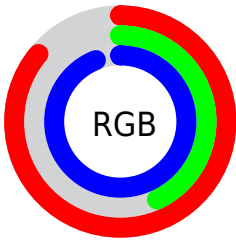
Format	Color
R _Y B	219, 109, 239
Decimal	14380527
CIE Lab	63.53, 61.52, -47.20
CIE LCh	64, 77.541, 322.505
Yxy	32.2293, 0.2997, 0.1922
Android (android.graphics.Color)	4292570607 (0xFFDB6DEF)
YUV	156.7100, 40.5690, 54.6283
Hunter-Lab	56.7709, 58.6857, -49.2756

Details

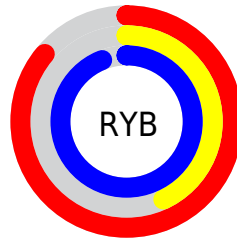
The Hex color **DB6DEF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **81EF6D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA5FF**, and **A135B6** is the 20% darker color. If you saturate the color by 10%, you get **D755EF**, and if you desaturate by 10%, it is **DF85EF**.

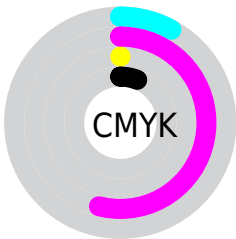
Distribution



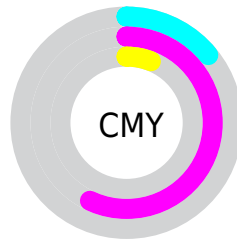
- Red (86%)
- Green (43%)
- Blue (94%)



- Red (86%)
- Yellow (43%)
- Blue (94%)



- Cyan (8%)
- Magenta (54%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (57%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6DEF 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 DB6DEF by changing the saturation by 10% instead.

 DB6DEF

 DB6DEF

FFFFFF

 BE51D2

 FFA5FF

 A135B6

 FFC1FF

 85129B

 FFDEFF

 690081

 FFFCFF

 4E0067

 34004E

 180036

 000220

 000004

 DB6DEF

 DB6DEF

 D755EF

 DF85EF

 D43DEF

 E29DEF

 D025EF

 E6B5EF

 CC0DEF

 EACDEF

 CA00EF

 EDE4EF

 F1FCEF

 F5FFEF

 F8FFEF

 FCFFEF

Harmonies

Analogous

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



708FFF



DB6DEF



FF4FAE

Triad

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



DB6DEF



C79100



00B9CD

Complementary

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



DB6DEF



81EF6D

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.



00B886



DB6DEF



87A600

Square

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



DB6DEF



F87328



0CB23E



00B4FF

Rectangle

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



DB6DEF



FF4D80



0CB23E



00B9B6

Sweetspot

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



DB6DEF



F9D6FF



6D83EF



7C6780



000000



808080

Same Dimension

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



DB6DEF



E659FF



EF6DC4



766C78



9B00B8



2F0038

Inverse Universe

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



EF6D81



FF5973



6DEF98



786C6E



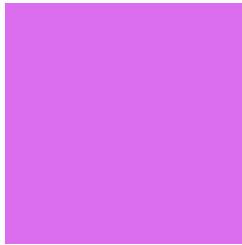
B8001C



380009

Previews

White Background



This preview shows how the Hex color DB6DEF looks on a white background.

Color Contrast Check

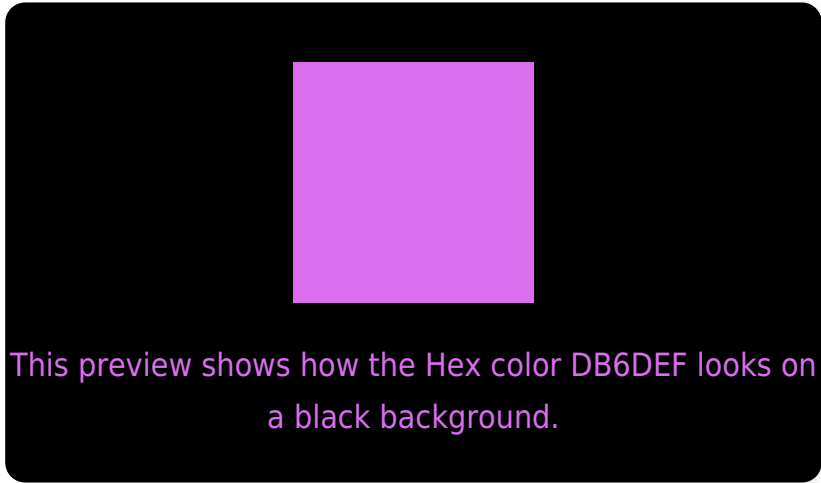
Large Text (above 18pt) WCAG AA × Fail

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

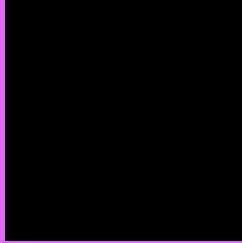
Any Text WCAG AA ✓ Pass

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 DB6DEF Background



This preview shows how black text looks on a background with the Hex color DB6DEF.



This preview shows how white text looks on a background with the Hex color DB6DEF.

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](#).

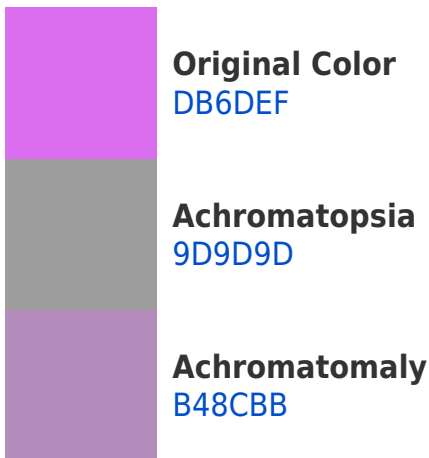
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB6DEF 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 #DB6DEF looks like.

```
.text, #text, p{  
    color:#DB6DEF  
}
```

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 #DB6DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6DEF  
}
```

Border

The CSS property to change the border of an element to Hex DB6DEF 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  
#DB6DEF }
```

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

```
.border{ border-color:#DB6DEF }
```

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

Here you see how a box with a 4 pixel #DB6DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6DEF; -webkit-box-shadow:4px 4px  
4px 4px #DB6DEF; box-shadow:4px 4px 4px  
4px #DB6DEF }
```

Background

The CSS property to change the background color of an element to Hex DB6DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6DEF }
```

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

```
.background{ background-color:#DB6DEF }
```

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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