

Converting Colors

Hex(DB75F9)

Have a look what the booklet for
Hex(DB75F9) contains.

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Color

Hex(DB75F9)

Conversions

Conversions Part 1

Format	Color
Hex	DB75F9
RGB	219, 117, 249
RGB Percent	86%, 46%, 98%
CMY	0.1412, 0.5412, 0.0235
CMYK	0.12, 0.53, 0.00, 0.02
HSL	286°, 92%, 72%
HSV	286°, 53%, 98%
XYZ	52.6736, 34.6222, 93.5291
YIQ	162.5460, 18.4200, 62.6760

Conversions

Conversions Part 2

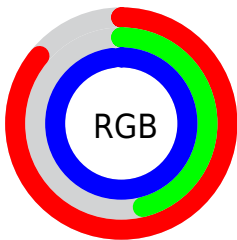
Format	Color
R _Y B	219, 117, 249
Decimal	14382585
CIE _{Lab}	65.45, 59.60, -49.68
CIE _{LCh}	65, 77.595, 320.188
Yxy	34.6222, 0.2913, 0.1915
Android (android.graphics.Color)	4292572665 (0xFFDB75F9)
YUV	162.5460, 42.6218, 49.5102
Hunter-Lab	58.8406, 56.8204, -53.0549

Details

The Hex color **DB75F9** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **93F975**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFACFF**, and **A13EC0** is the 20% darker color. If you saturate the color by 10%, you get **D55CF9**, and if you desaturate by 10%, it is **E18EF9**.

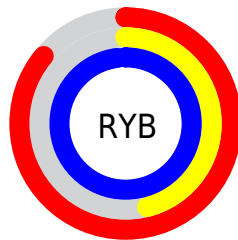
Distribution



Red (86%)

Green (46%)

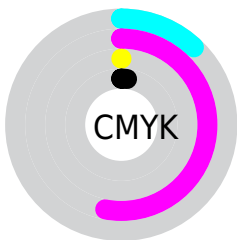
Blue (98%)



Red (86%)

Yellow (46%)

Blue (98%)

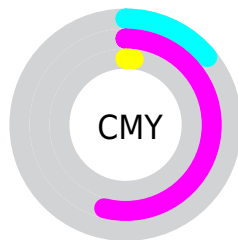


Cyan (12%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (54%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB75F9 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 DB75F9 by changing the saturation by 10% instead.

 DB75F9

FFFFFF

 FFACFF

 FFC9FF

 FFE6FF

 DB75F9

 BE5ADC

 A13EC0

 8520A4

 69008A

 4E0070

 330056

 18003E

 000327

 000111

 DB75F9

 DB75F9

 D55CF9

 E18EF9

 D043F9

 E6A7F9

 CA2AF9

 ECC0F9

 C411F9

 F2D9F9

 C000F9

 F7F2F9

 FDFFF9

 FFFFF9

Harmonies

Analogous

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



6896FF



DB75F9



FF56B9

Triad

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



DB75F9



D29400



00BECD

Complementary

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



DB75F9



93F975

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.



00BD85



DB75F9



92AA00

Square

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



DB75F9



FF7533



2EB73D



00BAFF

Rectangle

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



DB75F9



FF538A



2EB73D



00BEB6

Sweetspot

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



DB75F9



F6D6FF



7594F9



7A6780



000000



808080

Same Dimension

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



DB75F9



DA5CFF



F975D6



7A707D



9200BD



2F003D

Inverse Universe

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



F97593



FF5C81



75F998



7D7073



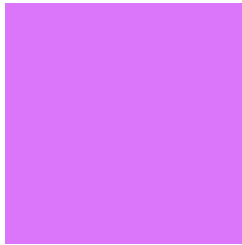
BD002B



3D000E

Previews

White Background



This preview shows how the Hex color DB75F9 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

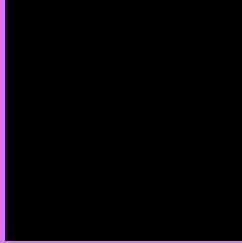
Any Text WCAG AA ✓ Pass

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 DB75F9 Background



This preview shows how black text looks on a background with the Hex color DB75F9.

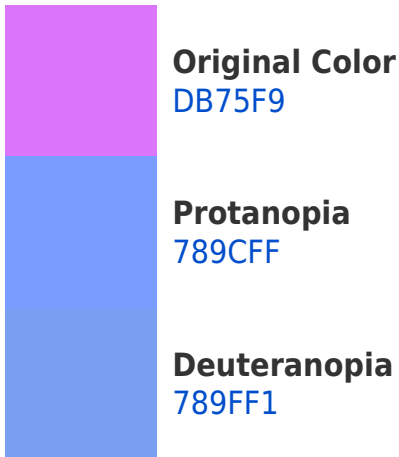


This preview shows how white text looks on a background with the Hex color DB75F9.

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](#).

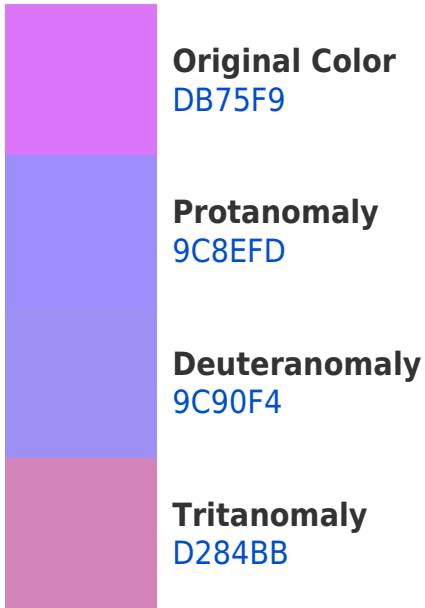
Dichromacy



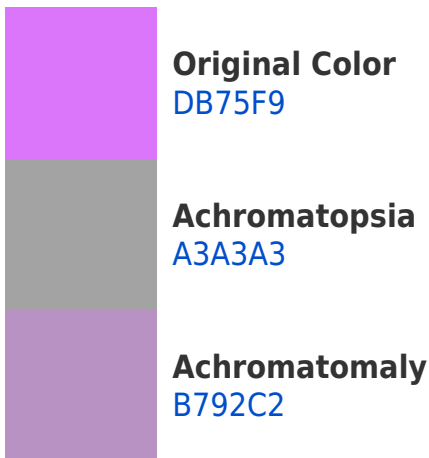


Tritanopia
CD8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB75F9 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 #DB75F9 looks like.

```
.text, #text, p{  
    color:#DB75F9  
}
```

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 #DB75F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB75F9
}
```

Border

The CSS property to change the border of an element to Hex DB75F9 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
#DB75F9 }
```

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

```
.border{ border-color:#DB75F9 }
```

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

Here you see how a box with a 4 pixel #DB75F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB75F9; -webkit-box-shadow:4px 4px  
4px 4px #DB75F9; box-shadow:4px 4px 4px  
4px #DB75F9 }
```

Background

The CSS property to change the background color of an element to Hex DB75F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB75F9 }
```

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

```
.background{ background-color:#DB75F9 }
```

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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