

Converting Colors

Hex(DB91F8)

Have a look what the booklet for
Hex(DB91F8) contains.

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Color

Hex(DB91F8)

Conversions

Conversions Part 1

Format	Color
Hex	DB91F8
RGB	219, 145, 248
RGB Percent	86%, 57%, 97%
CMY	0.1412, 0.4314, 0.0275
CMYK	0.12, 0.42, 0.00, 0.03
HSL	283°, 88%, 77%
HSV	283°, 42%, 97%
XYZ	56.2821, 42.0882, 93.9644
YIQ	178.8680, 11.0410, 47.7210

Conversions

Conversions Part 2

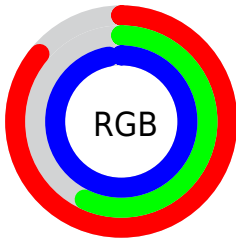
Format	Color
R _Y B	219, 145, 248
Decimal	14389752
CIE Lab	70.93, 45.16, -40.53
CIE LCh	71, 60.684, 318.094
Yxy	42.0882, 0.2926, 0.2188
Android (android.graphics.Color)	4292579832 (0xFFDB91F8)
YUV	178.8680, 34.0821, 35.1958
Hunter-Lab	64.8754, 41.3242, -40.4618

Details

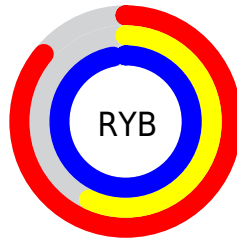
The Hex color **DB91F8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AEF891**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC8FF**, and **A25CBF** is the 20% darker color. If you saturate the color by 10%, you get **D478F8**, and if you desaturate by 10%, it is **E2AAF8**.

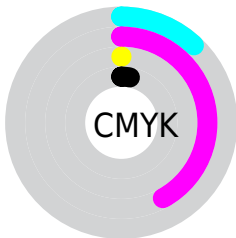
Distribution



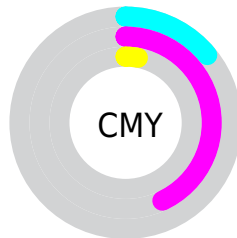
- Red (86%)
- Green (57%)
- Blue (97%)



- Red (86%)
- Yellow (57%)
- Blue (97%)



- Cyan (12%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB91F8 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 DB91F8 by changing the saturation by 10% instead.

 DB91F8

FFFFFF

 FFC8FF

 FFE5FF

 DB91F8

 BE76DB

 A25CBF

 8743A4

 6C2A89

 520D6F

 380056

 22003F

 000028

 000111

 DB91F8

 DB91F8

 D478F8

 E2AAF8

 CD5FF8

 E9C3F8

 C647F8

 F0DBF8

 BF2EF8

 F7F4F8

 B815F8

 FEFFF8

 B200F8

 FFFFF8

Harmonies

Analogous

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



88A8FF



DB91F8



FF7FC6

Triad

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



DB91F8



DEA33C



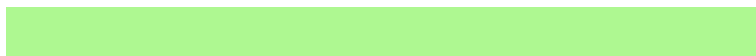
00C9CE

Complementary

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



DB91F8



AEF891

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.



00C795



DB91F8



ACB53D

Square

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



DB91F8



FF8E5D



6BC160



00C5FF

Rectangle

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



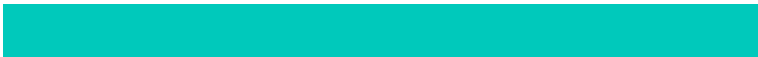
DB91F8



FF7CA1



6BC160



00C9BB

Sweetspot

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



DB91F8



F6E0FF



91AEF8



7A6E80



000000



808080

Same Dimension

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



DB91F8



DB80FF



F891E2



79707D



8800BD



2C003D

Inverse Universe

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



F891AE



FF80A3



91F8A7



7D7074



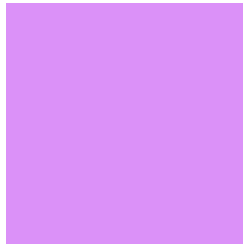
BD0035



3D0011

Previews

White Background



This preview shows how the Hex color DB91F8 looks on a white background.

Color Contrast Check

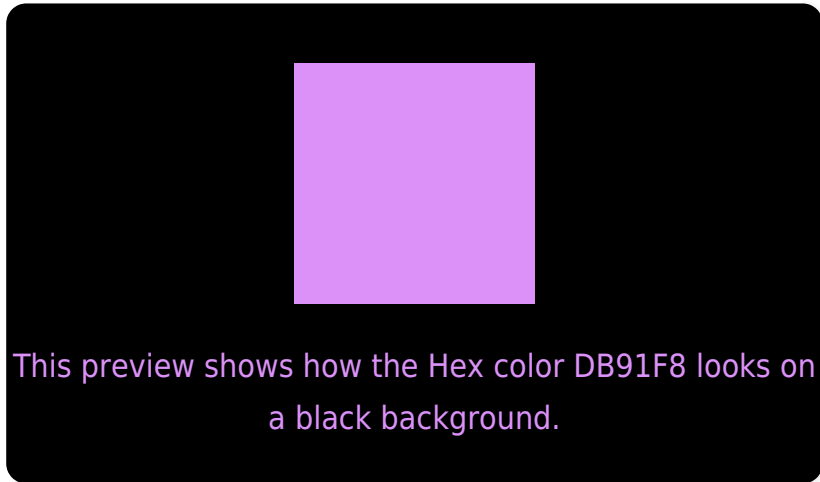
Large Text (above 18pt) WCAG AA × Fail

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

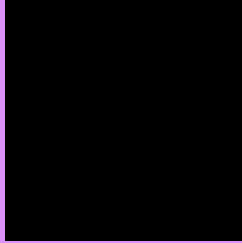
Any Text WCAG AA ✓ Pass

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 DB91F8 Background



This preview shows how black text looks on a background with the Hex color DB91F8.

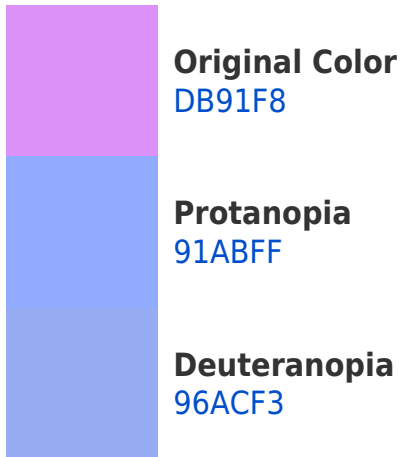


This preview shows how white text looks on a background with the Hex color DB91F8.

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](#).

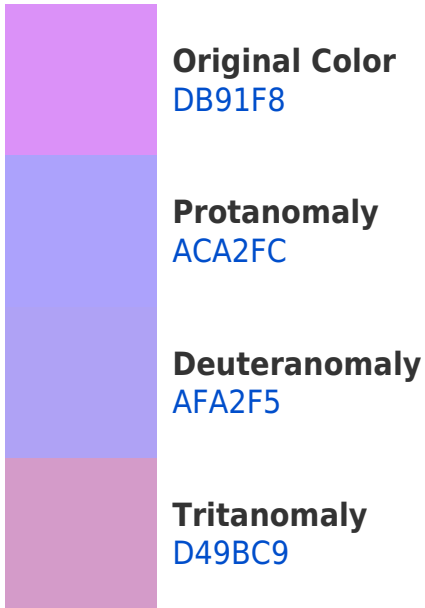
Dichromacy



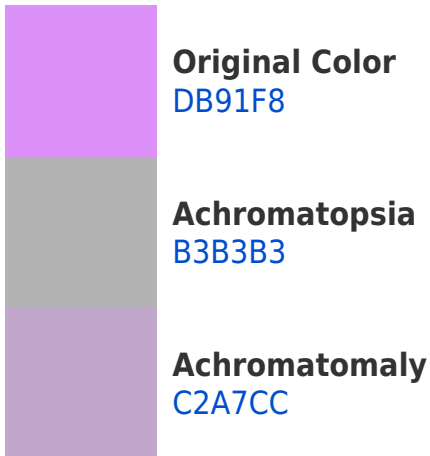


Tritanopia
D0A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB91F8 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 #DB91F8 looks like.

```
.text, #text, p{  
    color:#DB91F8  
}
```

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 #DB91F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB91F8
}
```

Border

The CSS property to change the border of an element to Hex DB91F8 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
#DB91F8 }
```

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

```
.border{ border-color:#DB91F8 }
```

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

Here you see how a box with a 4 pixel #DB91F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB91F8; -webkit-box-shadow:4px 4px  
4px 4px #DB91F8; box-shadow:4px 4px 4px  
4px #DB91F8 }
```

Background

The CSS property to change the background color of an element to Hex DB91F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB91F8 }
```

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

```
.background{ background-color:#DB91F8 }
```

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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