

Converting Colors

Hex(DB3AF7)

Have a look what the booklet for
Hex(DB3AF7) contains.

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Color

Hex(**DB3AF7**)

Conversions

Conversions Part 1

Format	Color
Hex	DB3AF7
RGB	219, 58, 247
RGB Percent	86%, 23%, 97%
CMY	0.1412, 0.7725, 0.0314
CMYK	0.11, 0.77, 0.00, 0.03
HSL	291°, 92%, 60%
HSV	291°, 77%, 97%
XYZ	47.5150, 24.8016, 90.2786
YIQ	127.6850, 35.2870, 92.9110

Conversions

Conversions Part 2

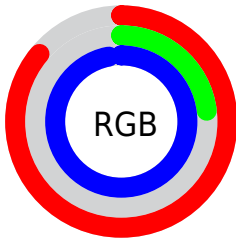
Format	Color
R _{YB}	219, 58, 247
Decimal	14367479
CIE Lab	56.88, 82.68, -62.23
CIE LCh	57, 103.485, 323.032
Yxy	24.8016, 0.2922, 0.1525
Android (android.graphics.Color)	4292557559 (0xFFDB3AF7)
YUV	127.6850, 58.8223, 80.0833
Hunter-Lab	49.8012, 83.1536, -72.6188

Details

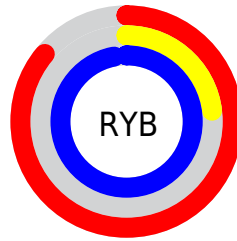
The Hex color **DB3AF7** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **56F73A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7AFF**, and **9F00BE** is the 20% darker color. If you saturate the color by 10%, you get **D721F7**, and if you desaturate by 10%, it is **DF53F7**.

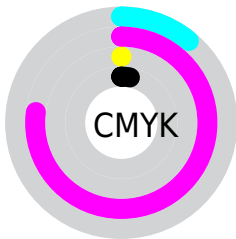
Distribution



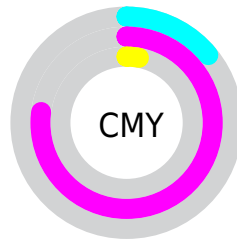
- Red (86%)
- Green (23%)
- Blue (97%)



- Red (86%)
- Yellow (23%)
- Blue (97%)



- Cyan (11%)
- Magenta (77%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3AF7 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 DB3AF7 by changing the saturation by 10% instead.

 DB3AF7

 DB3AF7

FFFFFF

 BD03DA

 FF7AFF

 9F00BE

 FF98FF

 8200A2

 FFB6FF

 650087

 FFD3FF

 47006D

 FFF2FF

 2B0054

 00003B

 000224

 00000C

 DB3AF7

 DB3AF7

 D721F7

 DF53F7

 D409F7

 E26BF7

 D200F7

 E684F7

 EA9DF7

 EDB6F7

 F1CEF7

 F5E7F7

 F8FFF7

 FCFFF7

Harmonies

Analogous

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



007BFF



DB3AF7



FF00A2

Triad

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



DB3AF7



B87E00



00ACCD

Complementary

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



DB3AF7



56F73A

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.



00AA70



DB3AF7



629800

Square

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



DB3AF7



F74C00



00A500



00A9FF

Rectangle

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



DB3AF7



FF0066



00A500



00ACAF

Sweetspot

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



DB3AF7



F6C4FF



3A56F7



7A5C80



000000



808080

Same Dimension

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



DB3AF7



DC14FF



F73AB5



796E7A



9F00BA



32003B

Inverse Universe

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



F73A56



FF1437



3AF77C



7A6E70



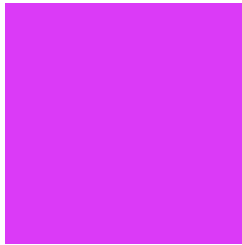
BA001C



3B0009

Previews

White Background



This preview shows how the Hex color DB3AF7 looks on a white background.

Color Contrast Check

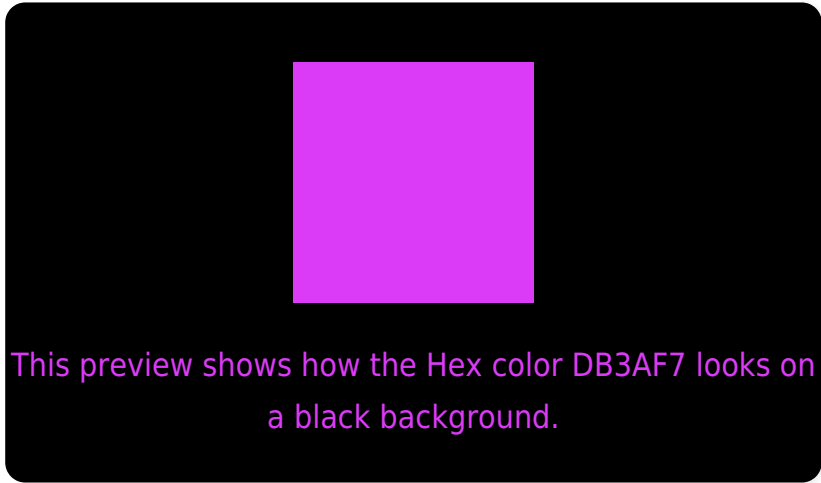
Large Text (above 18pt) WCAG AA ✓ Pass

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

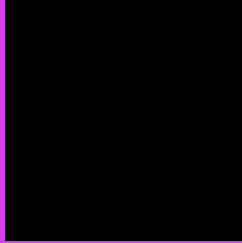
Any Text WCAG AA ✓ Pass

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 DB3AF7 Background



This preview shows how black text looks on a background with the Hex color DB3AF7.

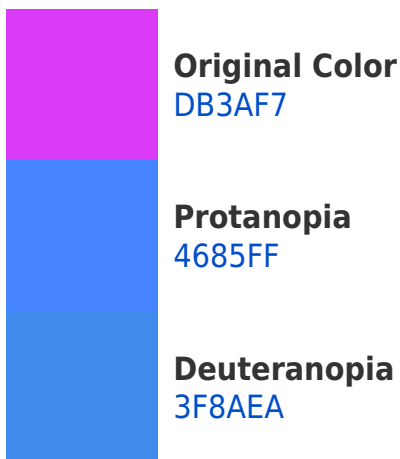


This preview shows how white text looks on a background with the Hex color DB3AF7.

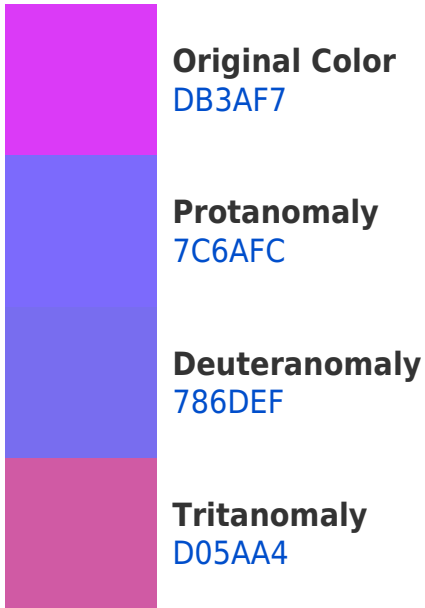
Color Blindness Simulation

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](#).

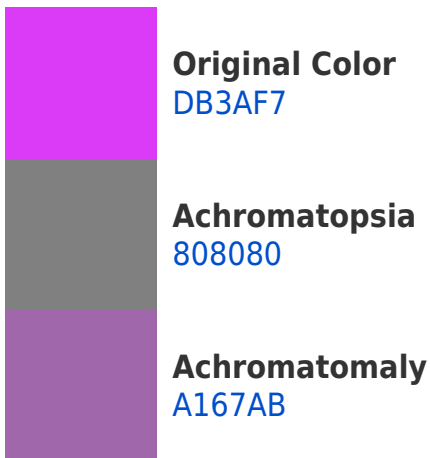
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB3AF7 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 #DB3AF7 looks like.

```
.text, #text, p{  
    color:#DB3AF7  
}
```

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 #DB3AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3AF7
}
```

Border

The CSS property to change the border of an element to Hex DB3AF7 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
#DB3AF7 }
```

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

```
.border{ border-color:#DB3AF7 }
```

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

Here you see how a box with a 4 pixel #DB3AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3AF7; -webkit-box-shadow:4px 4px  
4px 4px #DB3AF7; box-shadow:4px 4px 4px  
4px #DB3AF7 }
```

Background

The CSS property to change the background color of an element to Hex DB3AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3AF7 }
```

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

```
.background{ background-color:#DB3AF7 }
```

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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