

Converting Colors

Hex(7DBBF8)

Have a look what the booklet for
Hex(7DBBFA) contains.

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Color

Hex(7DBBFA)

Conversions

Conversions Part 1

Format	Color
Hex	7DBBFA
RGB	125, 187, 250
RGB Percent	49%, 73%, 98%
CMY	0.5098, 0.2667, 0.0196
CMYK	0.50, 0.25, 0.00, 0.02
HSL	210°, 93%, 74%
HSV	210°, 50%, 98%
XYZ	43.4831, 46.8027, 97.1845
YIQ	175.6440, -57.1750, 6.4490

Conversions

Conversions Part 2

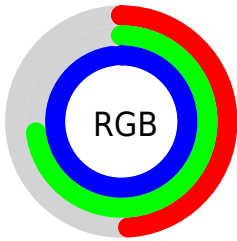
Format	Color
RYB	125, 166, 250
Decimal	8240122
CIELab	74.06, -2.94, -37.28
CIELCh	74, 37.398, 265.498
Yxy	46.8027, 0.2319, 0.2497
Android (android.graphics.Color)	4286430202 (0xFF7DBBFA)
YUV	175.6440, 36.6575, -44.4148
Hunter-Lab	68.4125, -6.2671, -36.3366

Details

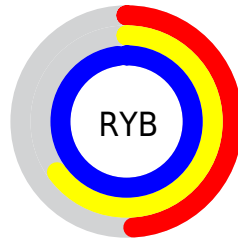
The Hex color **7DBBFA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FABC7D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B7F3FF**, and **4186C1** is the 20% darker color. If you saturate the color by 10%, you get **64AEFA**, and if you desaturate by 10%, it is **96C8FA**.

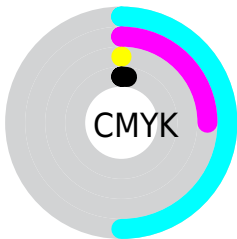
Distribution



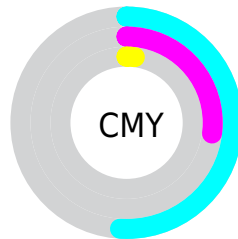
- Red (49%)
- Green (73%)
- Blue (98%)



- Red (49%)
- Yellow (65%)
- Blue (98%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DBBF8 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 7DBBF8 by changing the saturation by 10% instead.

 7DBBFA

 7DBBFA

FFFFFF

 60A0DD

 B7F3FF

 4186C1

 D5FFFF

 1A6DA6

 F3FFFF

 00558B

 003E72

 002859

 001441

 00032A

 000115

 7DBBFA

 7DBBFA

 64AEFA

 96C8FA

 4BA2FA

 AFD4FA

 3295FA

 C8E1FA

 1989FA

 E1EDFA

 007CFA

 FAFAFA

 FFFFA

Harmonies

Analogous

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



46C4EE



7DBBFA



B3AFF4

Triad

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



7DBBFA



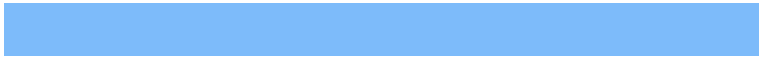
F99E9A



87C58E

Complementary

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



7DBBFA



FABC7D

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.



AFBD77



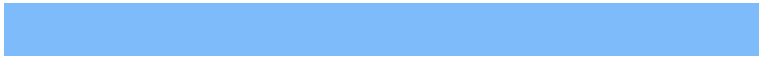
7DBBFA



ECA67F

Square

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



7DBBFA



F59CBD



D2B271



5BC8B0

Rectangle

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



7DBBFA



D1A7E6



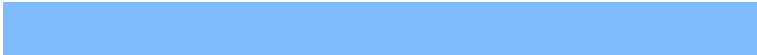
D2B271



95C285

Sweetspot

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



7DBBFA



D9ECFF



7DFABB



697480



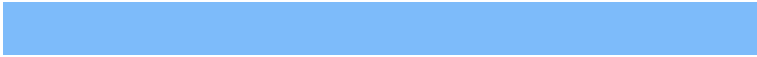
000000



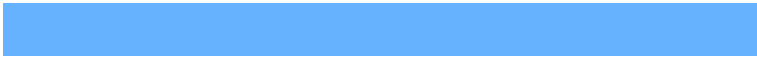
808080

Same Dimension

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



7DBBFA



66B2FF



7D7DFA



70777D



005EBD



001E3D

Inverse Universe

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



FA7DBB



FF66B2



FAFA7D



7D7077



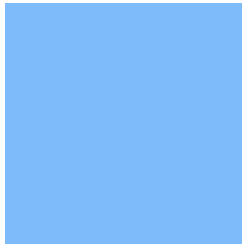
BD005E



3D001E

Previews

White Background



This preview shows how the Hex color 7DBBF8 looks on a white background.

Color Contrast Check

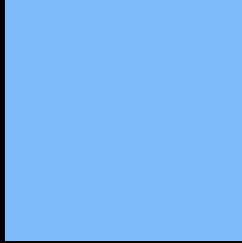
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7DBBFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

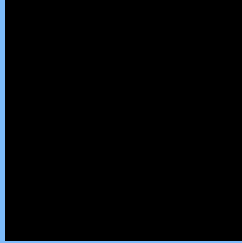
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

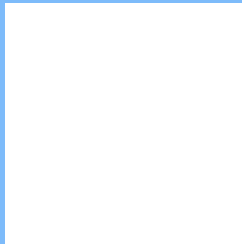
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7DBBFA Background



This preview shows how black text looks on a background with the Hex color 7DBBFA.

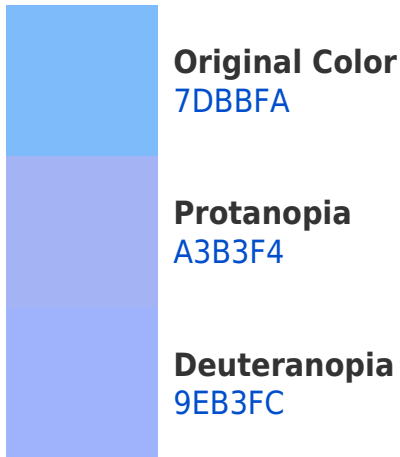


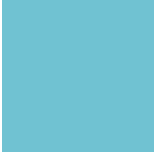
This preview shows how white text looks on a background with the Hex color 7DBBFA.

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](#).

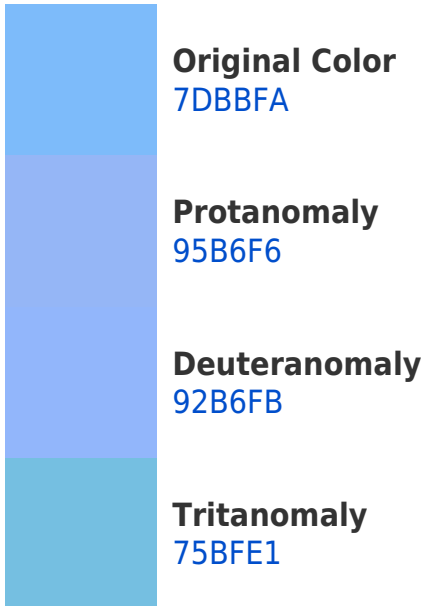
Dichromacy



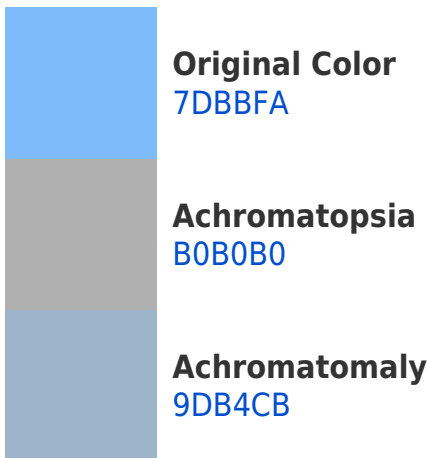


Tritanopia
70C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DBBF8 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 #7DBBF8 looks like.

```
.text, #text, p{  
    color:#7DBBF8  
}
```

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 #7DBBFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBBFA
}
```

Border

The CSS property to change the border of an element to Hex 7DBBFA 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
#7DBBFA }
```

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

```
.border{ border-color:#7DBBFa }
```

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

Here you see how a box with a 4 pixel #7DBBFa colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBBFa; -webkit-box-shadow:4px 4px  
4px 4px #7DBBFa; box-shadow:4px 4px 4px  
4px #7DBBFa }
```

Background

The CSS property to change the background color of an element to Hex 7DBBFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBBFA }
```

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

```
.background{ background-color:#7DBBFA }
```

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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