

Converting Colors

Hex(96AFDB)

Have a look what the booklet for
Hex(96AFDB) contains.

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Color

Hex(96AFDB)

Conversions

Conversions Part 1

Format	Color
Hex	96AFDB
RGB	150, 175, 219
RGB Percent	59%, 69%, 86%
CMY	0.4118, 0.3137, 0.1412
CMYK	0.32, 0.20, 0.00, 0.14
HSL	218°, 49%, 72%
HSV	218°, 32%, 86%
XYZ	40.6938, 42.2584, 73.0297
YIQ	172.5410, -29.0240, 8.3840

Conversions

Conversions Part 2

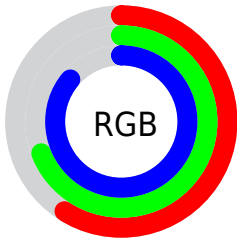
Format	Color
RYB	150, 168, 219
Decimal	9875419
CIELab	71.05, 1.64, -24.99
CIELCh	71, 25.039, 273.752
Yxy	42.2584, 0.2609, 0.2709
Android (android.graphics.Color)	4288065499 (0xFF96AFDB)
YUV	172.5410, 22.9043, -19.7685
Hunter-Lab	65.0065, -2.0210, -21.1031

Details

The Hex color **96AFDB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBC296**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CEE6FF**, and **617BA4** is the 20% darker color. If you saturate the color by 10%, you get **80A1DB**, and if you desaturate by 10%, it is **ACBDDB**.

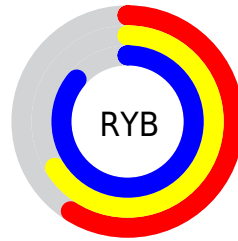
Distribution



Red (59%)

Green (69%)

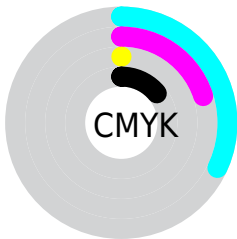
Blue (86%)



Red (59%)

Yellow (66%)

Blue (86%)

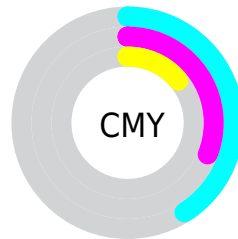


Cyan (32%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AFDB 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 96AFDB by changing the saturation by 10% instead.

 96AFDB

 96AFDB

FFFFFF

 7B94BF

 CEE6FF

 617BA4

 EAFFFF

 476289

 2E4A70

 113457

 001F40

 00052A

 000114

 000000

 96AFDB

 96AFDB

 80A1DB

 ACBDDDB

 6A93DB

 C2CBDB

 5485DB

 D8D9DB

 3E77DB

 EEE7DB

 2969DB

 FFF5DB

 135BDB

 FFFFDB

 004FDB

Harmonies

Analogous

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



79B6D6



96AFDB



B5A7D4

Triad

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



96AFDB



DBA096



89B999

Complementary

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



96AFDB



DBC296

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.



A3B488



96AFDB



D0A686

Square

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



96AFDB



DB9DAC



BCAD80



73BBB0

Rectangle

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



96AFDB



C7A2C9



BCAD80



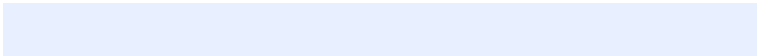
91B892

Sweetspot

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



96AFDB



E8F0FF



96DBC2



717780



000000



808080

Same Dimension

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



96AFDB



9EC1FF



9F96DB



63676E



003FAD



00112E

Inverse Universe

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



DB96AF



FF9EC1



D2DB96



6E6367



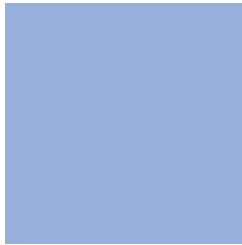
AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 96AFDB looks on a white background.

Color Contrast Check

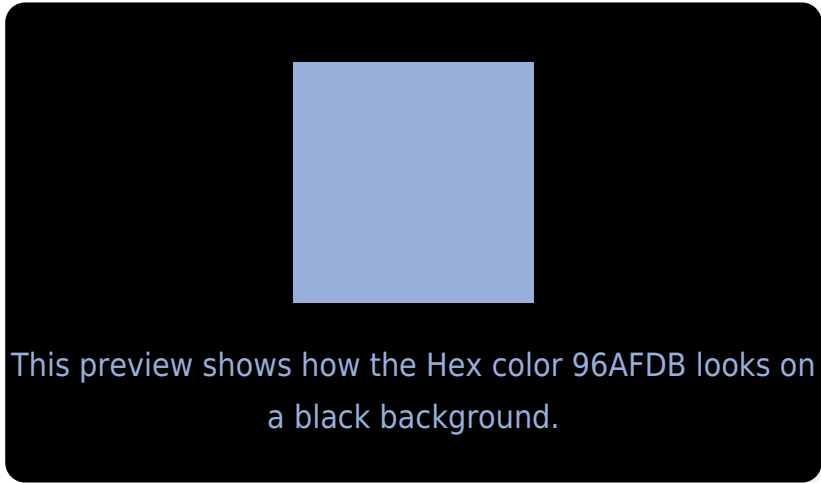
Large Text (above 18pt) WCAG AA × Fail

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

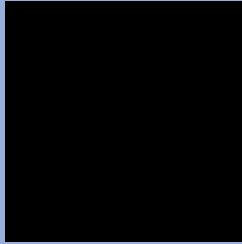
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

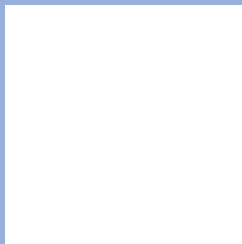
Any Text WCAG AAA ✓ Pass

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

Hex 96AFDB Background



This preview shows how black text looks on a background with the Hex color 96AFDB.

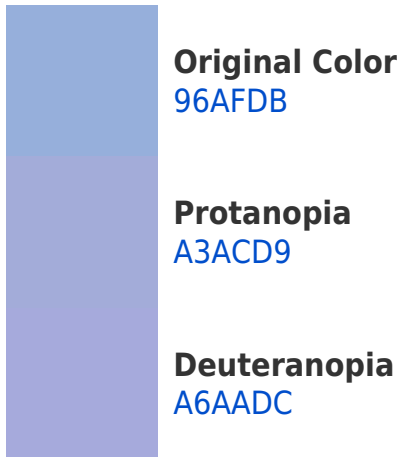


This preview shows how white text looks on a background with the Hex color 96AFDB.

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](#).

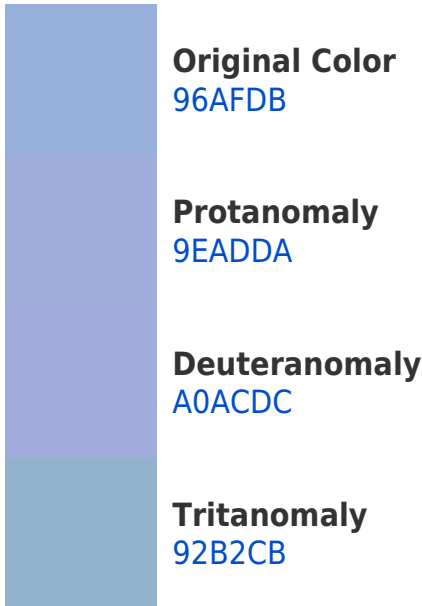
Dichromacy



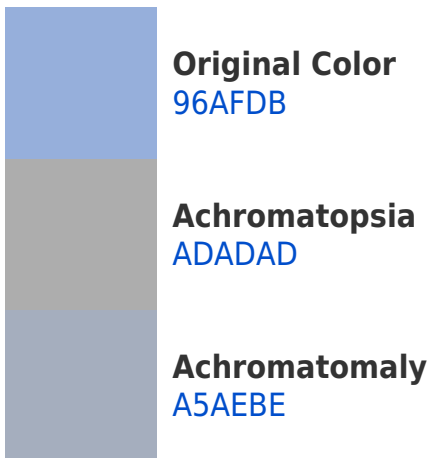


Tritanopia
90B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AFDB 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 #96AFDB looks like.

```
.text, #text, p{  
    color:#96AFDB  
}
```

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 #96AFDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AFDB  
}
```

Border

The CSS property to change the border of an element to Hex 96AFDB 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  
#96AFDB }
```

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

```
.border{ border-color:#96AFDB }
```

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

Here you see how a box with a 4 pixel #96AFDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AFDB; -webkit-box-shadow:4px 4px  
4px 4px #96AFDB; box-shadow:4px 4px 4px  
4px #96AFDB }
```

Background

The CSS property to change the background color of an element to Hex 96AFDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AFDB }
```

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

```
.background{ background-color:#96AFDB }
```

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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