Converting Colors

Hex(B3DAFF)

Have a look what the booklet for Hex(B3DAFF) contains.

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Color

Hex(B3DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	B3DAFF
RGB	179, 218, 255
RGB Percent	70%, 85%, 100%
CMY	0.2980, 0.1451, 0.0000
CMYK	0.30, 0.15, 0.00, 0.00
HSL	209°, 100%, 85%
HSV	209°, 30%, 100%
XYZ	61.7118, 66.9465, 104.2772
YIQ	210.5570, -35.1210, 3.2390

Conversions

Conversions Part 2

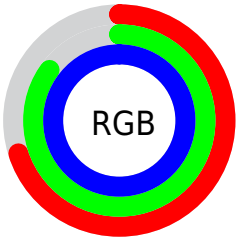
Format	Color
RYB	179, 205, 255
Decimal	11787007
CIELab	85.48, -4.44, -22.18
CIELCh	85, 22.619, 258.675
Yxy	66.9465, 0.2649, 0.2874
Android (android.graphics.Color)	4289977087 (0xFFB3DAFF)
YUV	210.5570, 21.9104, -27.6755
Hunter-Lab	81.8208, -8.5563, -18.2880

Details

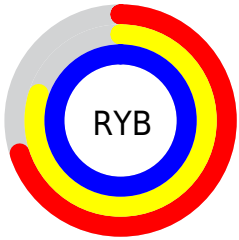
The Hex color B3DAFF is a light color, and the websafe version is hex 99CCFF. A complement of this color would be FFD8B3, and the grayscale version is D2D2D2.

A 20% lighter version of the original color is ECFFFF, and 7CA3C6 is the 20% darker color. If you saturate the color by 10%, you get 99CEFF, and if you desaturate by 10%, it is CCE6FF.

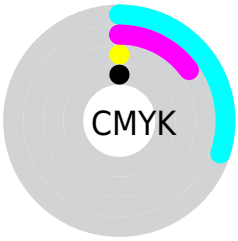
Distribution



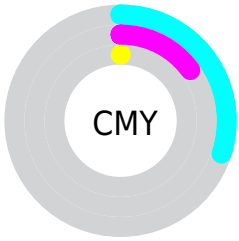
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3DAFF 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 B3DAFF by changing the saturation by 10% instead.

B3DAFF

FFFFFF

ECFFFF

B3DAFF

97BEE2

7CA3C6

6289AB

487090

2D5777

0E405E

002A46

00162F

00011A

B3DAFF	B3DAFF
99CEFF	CCE6FF
80C1FF	E6F3FF
66B5FF	FFFFFF
4DA8FF	
339CFF	
1A90FF	
0083FF	

Harmonies

Analogous

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

9FDFF5

B3DAFF

CFD3FE

Triad

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

B3DAFF

FFC7C9

BFDEB9

Complementary

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

B3DAFF

FFD8B3

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.

D8D8AD

B3DAFF

FDCBB6

Square

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

B3DAFF

FCC7DF

EED1AC

A9E1CC

Rectangle

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

B3DAFF

E1CEF7

EED1AC

C8DCB4

Sweetspot

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

B3DAFF

E8F4FF

B3FFD8

717980

000000

808080

Same Dimension

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

B3DAFF

A3D2FF

B3B4FF

737980

0062BF

002140

Inverse Universe

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

FFB3DA

FFA3D2

FFFEB3

807379

BF0062

400021

Previews

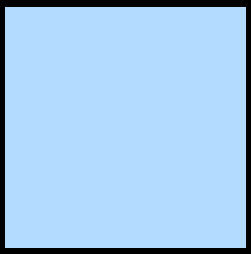
White Background

This preview shows how the Hex color B3DAFF 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



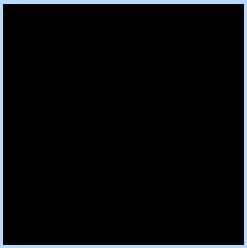
This preview shows how the Hex color B3DAFF looks on a black background.

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 B3DAFF Background



This preview shows how black text looks on a background with the Hex color B3DAFF.

This preview shows how white text looks on a background with the Hex color B3DAFF.

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

Original Color
B3DAFF

Protanopia
CDD3FA

Deuteranopia
D4D1FF

Tritanopia
AFDDEE

Trichromacy

Original Color
B3DAFF

Protanomaly
C4D6FC

Deuteranomaly
C8D4FF

Tritanomaly
B0DCF4

Monochromacy

Original Color
B3DAFF

Achromatopsia
D3D3D3

Achromatomaly
C7D6E3

CSS Examples

Text

The CSS property to change the color of the text to Hex B3DAFF 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 #B3DAFF looks like.

```
.text, #text, p{
    color:#B3DAFF
}
```

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 #B3DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DAFF
}
```

Border

The CSS property to change the border of an element to Hex B3DAFF 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
#B3DAFF }
```

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

```
.border{ border-color:#B3DAFF }
```

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

Here you see how a box with a 4 pixel #B3DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #B3DAFF; -webkit-box-shadow:4px 4px 4px 4px #B3DAFF; box-shadow:4px 4px 4px 4px #B3DAFF }
```

Background

The CSS property to change the background color of an element to Hex B3DAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#B3DAFF }
```

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

```
.background{ background-color:#B3DAFF }
```

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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