

Converting Colors

Hex(B3DFFF)

Have a look what the booklet for
Hex(B3DFFF) contains.

Hex(B3DFFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	B3DFFF
RGB	179, 223, 255
RGB Percent	70%, 87%, 100%
CMY	0.2980, 0.1255, 0.0000
CMYK	0.30, 0.13, 0.00, 0.00
HSL	205°, 100%, 85%
HSV	205°, 30%, 100%
XYZ	63.0281, 69.5791, 104.7159
YIQ	213.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

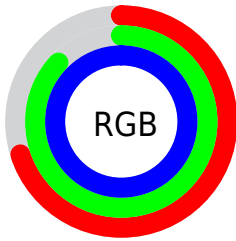
Format	Color
R _Y B	179, 207, 255
Decimal	11788287
CIE Lab	86.79, -7.04, -20.19
CIE LCh	87, 21.385, 250.766
Yxy	69.5791, 0.2656, 0.2932
Android (android.graphics.Color)	4289978367 (0xFFB3DFFF)
YUV	213.4920, 20.4634, -30.2495
Hunter-Lab	83.4141, -11.0991, -16.0413

Details

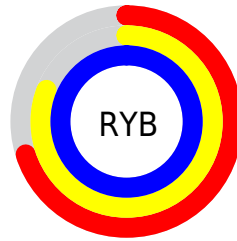
The Hex color **B3DFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD3B3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **ECFFFF**, and **7CA8C6** is the 20% darker color. If you saturate the color by 10%, you get **99D4FF**, and if you desaturate by 10%, it is **CCEAFF**.

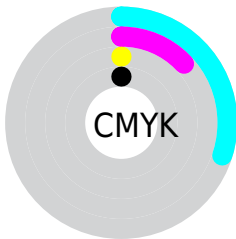
Distribution



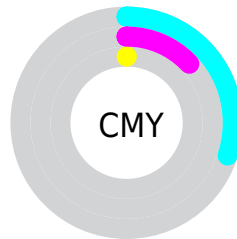
- Red (70%)
- Green (87%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- Blue (100%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3DFFF 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 B3DFFF by changing the saturation by 10% instead.

 B3DFFF

 B3DFFF

FFFFFF

 97C3E2

 ECFFFF

 7CA8C6

 628DAB

 477490

 2D5B77

 0D445E

 002E46

 001A30

 00011B

 B3DFFF

 B3DFFF

 99D4FF

 CCEAFF

 80CAFF

 E6F4FF


 66BFFF

FFFFFF

 4DB4FF

 33A9FF

 1A9FFF

 0094FF

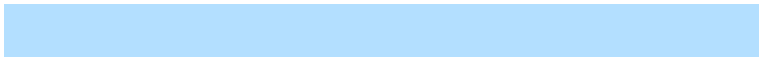
Harmonies

Analogous

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



A4E3F3



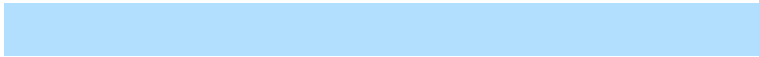
B3DFFF



CCD9FF

Triad

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



B3DFFF



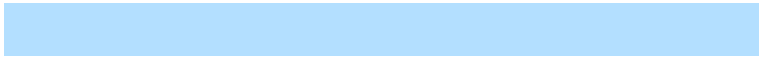
FFCBD3



CAE0BA

Complementary

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



B3DFFF



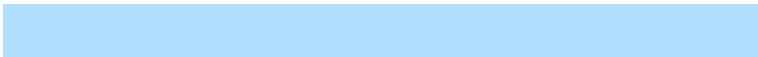
FFD3B3

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.



E2DAB1



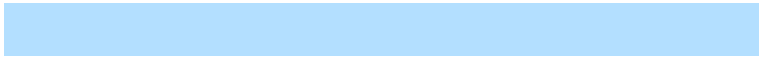
B3DFFF



FFCEC0

Square

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



B3DFFF



FACDE7



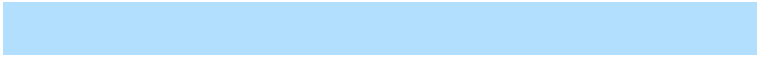
F5D4B4



B4E4CB

Rectangle

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



B3DFFF



DED4FC



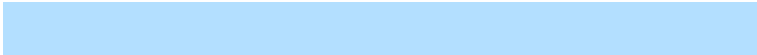
F5D4B4



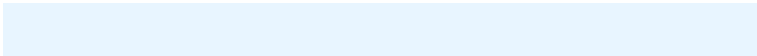
D2DEB6

Sweetspot

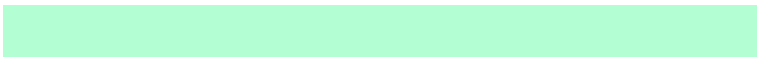
The Sweet Spot groups the original color and five complimentary colors.



B3DFFF



E8F5FF



B3FFD3



717A80



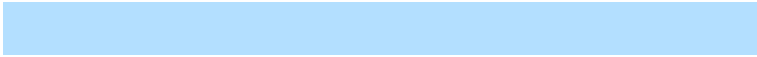
000000



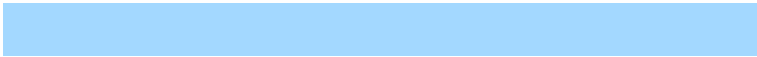
808080

Same Dimension

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



B3DFFF



A3D8FF



B3B9FF



737A80



006FBF



002540

Inverse Universe

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



FFB3DF



FFA3D8



FFF9B3



80737A



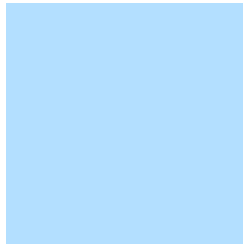
BF006F



400025

Previews

White Background



This preview shows how the Hex color B3DFFF looks on a white background.

Color Contrast Check

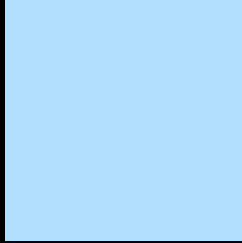
Large Text (above 18pt) WCAG AA × Fail

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 B3DFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

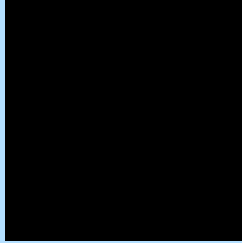
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

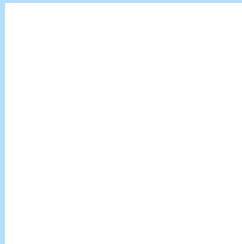
Any Text WCAG AAA ✓ Pass

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

Hex B3DFFF Background



This preview shows how black text looks on a background with the Hex color B3DFFF.

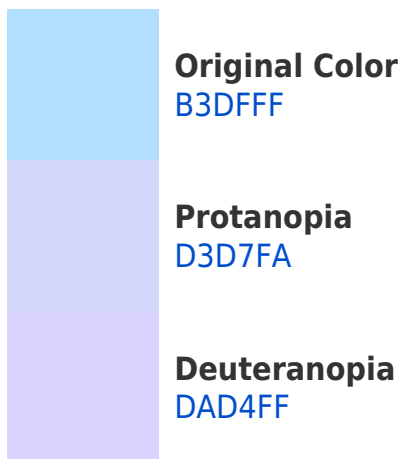


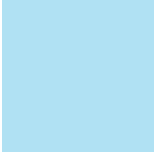
This preview shows how white text looks on a background with the Hex color B3DFFF.

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



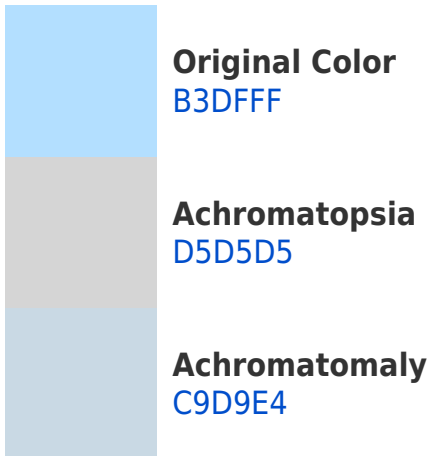


Tritanopia
B0E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3DFFF 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 #B3DFFF looks like.

```
.text, #text, p{  
  color:#B3DFFF  
}
```

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 #B3DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DFFF
}
```

Border

The CSS property to change the border of an element to Hex B3DFFF 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
#B3DFFF }
```

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

```
.border{ border-color:#B3DFFF }
```

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

Here you see how a box with a 4 pixel #B3DFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3DFFF; -webkit-box-shadow:4px 4px  
4px 4px #B3DFFF; box-shadow:4px 4px 4px  
4px #B3DFFF }
```

Background

The CSS property to change the background color of an element to Hex B3DFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3DFFF }
```

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

```
.background{ background-color:#B3DFFF }
```

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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