

Converting Colors

Hex(B2CBFF)

Have a look what the booklet for
Hex(B2CBFF) contains.

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Color

Hex(B2CBFF)

Conversions

Conversions Part 1

Format	Color
Hex	B2CBFF
RGB	178, 203, 255
RGB Percent	70%, 80%, 100%
CMY	0.3020, 0.2039, 0.0000
CMYK	0.30, 0.20, 0.00, 0.00
HSL	221°, 100%, 85%
HSV	221°, 30%, 100%
XYZ	57.7660, 59.3968, 103.0279
YIQ	201.4530, -31.5920, 10.8720

Conversions

Conversions Part 2

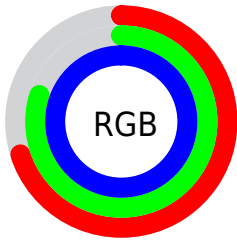
Format	Color
R_{YB}	178, 197, 255
Decimal	11717631
CIE Lab	81.51, 3.23, -28.23
CIE LCh	82, 28.413, 276.525
Yxy	59.3968, 0.2623, 0.2698
Android (android.graphics.Color)	4289907711 (0xFFB2CBFF)
YUV	201.4530, 26.3987, -20.5683
Hunter-Lab	77.0694, -1.0797, -25.3115

Details

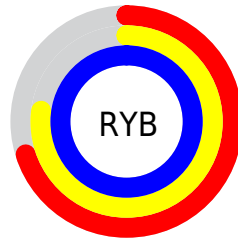
The Hex color **B2CBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE6B2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EBFFFF**, and **7B95C6** is the 20% darker color. If you saturate the color by 10%, you get **98BAFF**, and if you desaturate by 10%, it is **CBDCFF**.

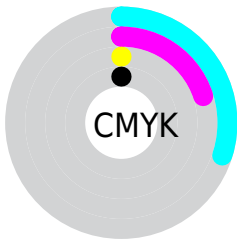
Distribution



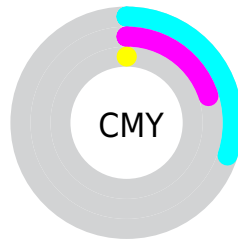
- Red (70%)
- Green (80%)
- Blue (100%)



- Red (70%)
- Yellow (77%)
- Blue (100%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CBFF 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 B2CBFF by changing the saturation by 10% instead.

 B2CBFF

 B2CBFF

FFFFFF

 96B0E2

 EBFFFF

 7B95C6

 617BAB

 476390

 2C4B76

 0D345D

 002045

 00062F

 00011A

 B2CBFF

 B2CBFF

 98BAFF

 CBDCFF

 7FA9FF

 E5EDFF

 6597FF

FFFFFF

 4C86FF

 3275FF

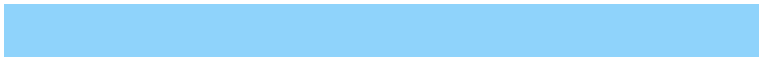
 1964FF

 0053FF

Harmonies

Analogous

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



8FD3FB



B2CBFF



D6C2F5

Triad

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



B2CBFF



FFBAAC



9DD8B5

Complementary

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



B2CBFF



FFE6B2

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.



BBD29F



B2CBFF



F0C29A

Square

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



B2CBFF



FFB7C6



D8CB96



84DAD0

Rectangle

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



B2CBFF



EABCE8



D8CB96



A6D6AC

Sweetspot

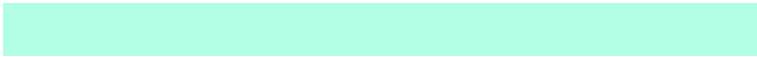
The Sweet Spot groups the original color and five complimentary colors.



B2CBFF



E8F0FF



B2FFE5



717680



000000



808080

Same Dimension

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



B2CBFF



A3C1FF



BFB2FF



737780



003EBF



001540

Inverse Universe

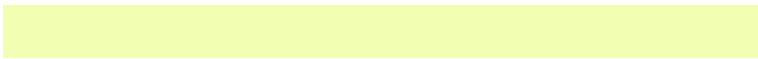
The Inverse Universe completely reimagines the original color for something new.



FFB2CB



FFA3C1



F2FFB2



807377



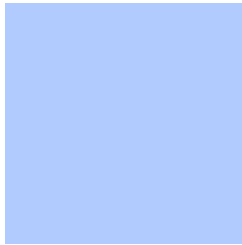
BF003E



400015

Previews

White Background



This preview shows how the Hex color B2CBFF looks on a white background.

Color Contrast Check

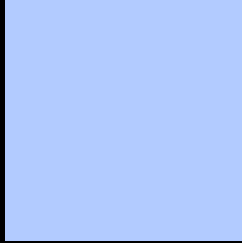
Large Text (above 18pt) WCAG AA × Fail

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 B2CBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

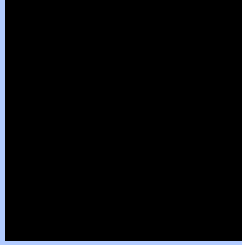
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

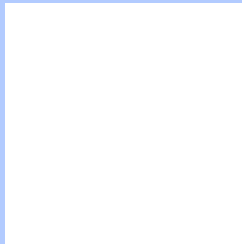
Any Text WCAG AAA ✓ Pass

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

Hex B2CBFF Background



This preview shows how black text looks on a background with the Hex color B2CBFF.



This preview shows how white text looks on a background with the Hex color B2CBFF.

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](#).

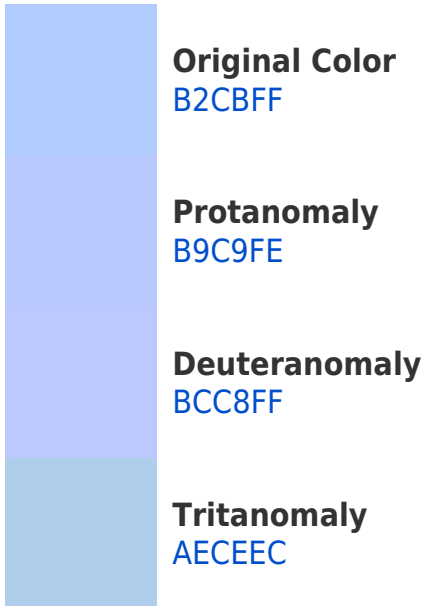
Dichromacy



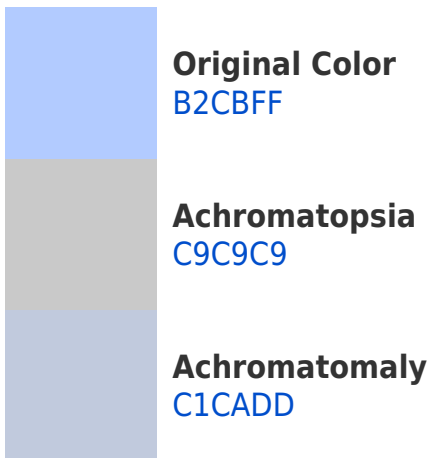


Tritanopia
ABD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2CBFF 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 #B2CBFF looks like.

```
.text, #text, p{  
    color:#B2CBFF  
}
```

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 #B2CBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CBFF
}
```

Border

The CSS property to change the border of an element to Hex B2CBFF 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
#B2CBFF }
```

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

```
.border{ border-color:#B2CBFF }
```

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

Here you see how a box with a 4 pixel #B2CBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CBFF; -webkit-box-shadow:4px 4px  
4px 4px #B2CBFF; box-shadow:4px 4px 4px  
4px #B2CBFF }
```

Background

The CSS property to change the background color of an element to Hex B2CBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CBFF }
```

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

```
.background{ background-color:#B2CBFF }
```

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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