

Converting Colors

Hex(B3CBF4)

Have a look what the booklet for
Hex(B3CBF4) contains.

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Color

Hex(B3CBF4)

Conversions

Conversions Part 1

Format	Color
Hex	B3CBF4
RGB	179, 203, 244
RGB Percent	70%, 80%, 96%
CMY	0.2980, 0.2039, 0.0431
CMYK	0.27, 0.17, 0.00, 0.04
HSL	218°, 75%, 83%
HSV	218°, 27%, 96%
XYZ	56.2755, 58.8272, 93.9767
YIQ	200.4980, -27.4650, 7.6630

Conversions

Conversions Part 2

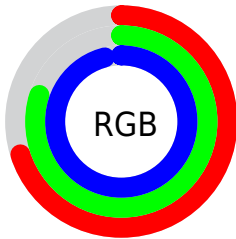
Format	Color
R _{YB}	179, 197, 244
Decimal	11783156
CIE Lab	81.20, 0.90, -22.84
CIE LCh	81, 22.859, 272.262
Yxy	58.8272, 0.2692, 0.2814
Android (android.graphics.Color)	4289973236 (0xFFB3CBF4)
YUV	200.4980, 21.4465, -18.8537
Hunter-Lab	76.6989, -3.2542, -18.9569

Details

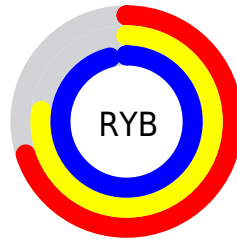
The Hex color **B3CBF4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4DCB3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **ECFFFF**, and **7D95BC** is the 20% darker color. If you saturate the color by 10%, you get **9BBCF4**, and if you desaturate by 10%, it is **CBDAF4**.

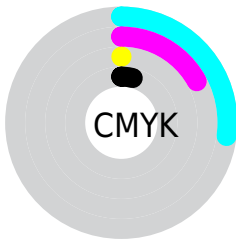
Distribution



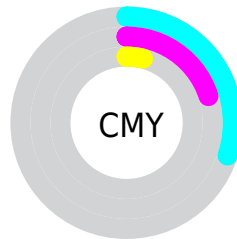
- Red (70%)
- Green (80%)
- Blue (96%)



- Red (70%)
- Yellow (77%)
- Blue (96%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CBF4 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 B3CBF4 by changing the saturation by 10% instead.

 B3CBF4

 B3CBF4

FFFFFF

 98B0D8

 ECFFFF

 7D95BC

 637BA1

 496286

 304B6D

 163454

 001F3D

 000627

 000111

 B3CBF4

 B3CBF4

 9BBCF4


 CBDAF4

 82ACF4

 E4EAF4

 6A9DF4

 FCF9F4

 518DF4

 FFFFF4

 397EF4

 216FF4

 085FF4

 005AF4

Harmonies

Analogous

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



9AD1EF



B3CBF4



D0C4EE

Triad

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



B3CBF4



F5BCB4



A9D4B5

Complementary

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



B3CBF4



F4DCB3

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.



C1CFA5



B3CBF4



EBC2A5

Square

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



B3CBF4



F4BBC9



D8C99F



95D6CB

Rectangle

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



B3CBF4



E0BFE4



D8C99F



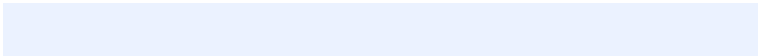
B1D3AF

Sweetspot

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



B3CBF4



EBF2FF



B3F4DB



737780



000000



808080

Same Dimension

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



B3CBF4



ADCCFF



BBB3F4



6E737A



0045BA



00163B

Inverse Universe

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



F4B3CB



FFADCC



ECF4B3



7A6E73



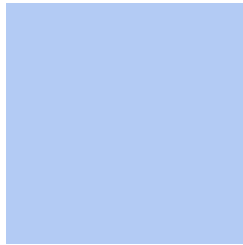
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color B3CBF4 looks on a white background.

Color Contrast Check

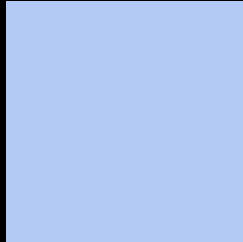
Large Text (above 18pt) WCAG AA × Fail

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 B3CBF4 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

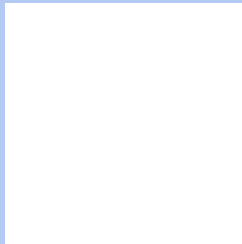
Any Text WCAG AAA ✓ Pass

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

Hex B3CBF4 Background



This preview shows how black text looks on a background with the Hex color B3CBF4.



This preview shows how white text looks on a background with the Hex color B3CBF4.

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

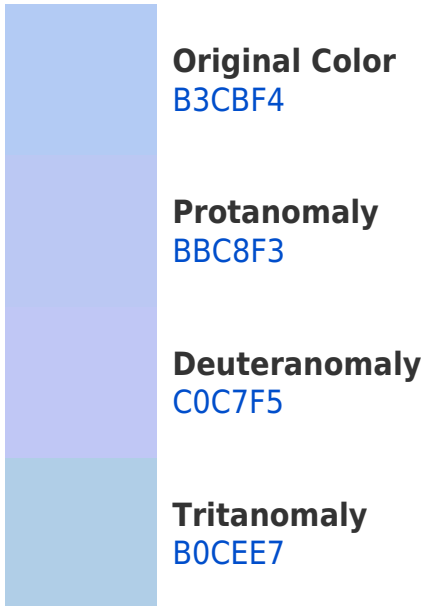


Original Color
B3CBF4

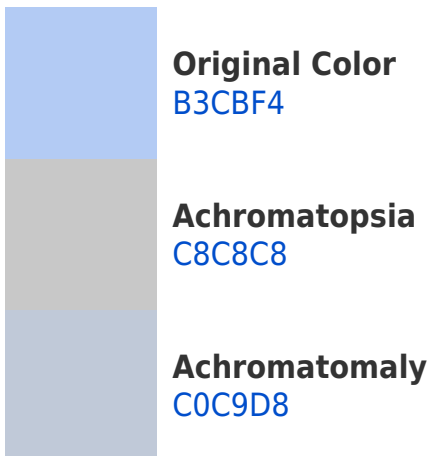
Protanopia
C0C7F2

Deuteranopia
C7C5F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3CBF4 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 #B3CBF4 looks like.

```
.text, #text, p{  
    color:#B3CBF4  
}
```

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 #B3CBF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CBF4
}
```

Border

The CSS property to change the border of an element to Hex B3CBF4 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
#B3CBF4 }
```

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

```
.border{ border-color:#B3CBF4 }
```

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

Here you see how a box with a 4 pixel #B3CBF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CBF4; -webkit-box-shadow:4px 4px  
4px 4px #B3CBF4; box-shadow:4px 4px 4px  
4px #B3CBF4 }
```

Background

The CSS property to change the background color of an element to Hex B3CBF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CBF4 }
```

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

```
.background{ background-color:#B3CBF4 }
```

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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