

# Converting Colors

Hex(BBC1F4)

Have a look what the booklet for  
Hex(BBC1F4) contains.

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# **Color**

**Hex(BBC1F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC1F4
RGB	187, 193, 244
RGB Percent	73%, 76%, 96%
CMY	0.2667, 0.2431, 0.0431
CMYK	0.23, 0.21, 0.00, 0.04
HSL	234°, 72%, 85%
HSV	234°, 23%, 96%
XYZ	55.8926, 55.2364, 93.3038
YIQ	197.0200, -19.9470, 14.5890

# Conversions

## Conversions Part 2

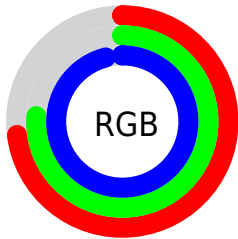
Format	Color
R <sub>Y</sub> B	187, 192, 244
Decimal	12304884
CIE Lab	79.18, 8.65, -25.87
CIE LCh	79, 27.276, 288.493
Yxy	55.2364, 0.2734, 0.2702
Android (android.graphics.Color)	4290494964 (0xFFBBC1F4)
YUV	197.0200, 23.1611, -8.7875
Hunter-Lab	74.3212, 4.1774, -22.4086

# Details

The Hex color **BBC1F4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4EEBB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F4F9FF**, and **858CBC** is the 20% darker color. If you saturate the color by 10%, you get **A3ABF4**, and if you desaturate by 10%, it is **D3D7F4**.

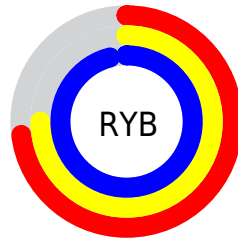
# Distribution



Red (73%)

Green (76%)

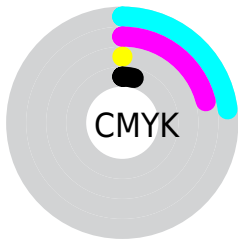
Blue (96%)



Red (73%)

Yellow (75%)

Blue (96%)

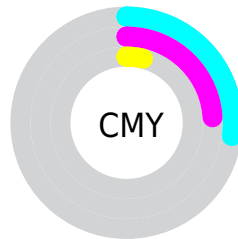


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (24%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC1F4 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 BBC1F4 by changing the saturation by 10% instead.



 BBC1F4

 BBC1F4

FFFFFF

 A0A6D7

 F4F9FF

 858CBC

 6B72A1

 525A86

 39426D

 202C54

 04183D

 000027

 000110

 BBC1F4

 BBC1F4

 A3ABF4

 D3D7F4

 8A95F4

 ECEDF4

 7280F4

 FFFFF4

 596AF4

 4154F4

 293EF4

 1028F4

 001AF4

# Harmonies

## Analogous

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



98C9F5



BBC1F4



DBB8E6

# Triad

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



BBC1F4



F2B79F



8ED2B9

# Complementary

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



BBC1F4



F4EEBB

# 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.



A9CEA2



BBC1F4



E0BF93

# Square

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



BBC1F4



F8B2B5



C6C794



7CD2D3

# Rectangle

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



BBC1F4



EBB4D7



C6C794



97D1B1



# Sweetspot

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



BBC1F4



EDEFFF



BBF4ED



757680



000000



808080



# Same Dimension

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



BBC1F4



B8BFFF



D1BBF4



6E6F7A



0014BA



00063B



# Inverse Universe

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



F4BBC1



FFB8BF



DEF4BB



7A6E6F



BA0014

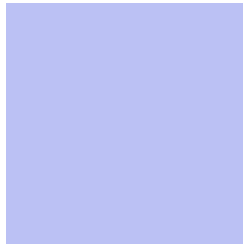


3B0006



# Previews

## White Background



This preview shows how the Hex color BBC1F4 looks on a white background.

## Color Contrast Check

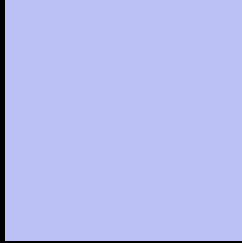
Large Text (above 18pt) WCAG AA × Fail

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 BBC1F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

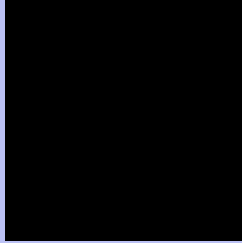
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC1F4 Background



This preview shows how black text looks on a background with the Hex color BBC1F4.



This preview shows how white text looks on a background with the Hex color BBC1F4.

# 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**  
BBC1F4

**Protanopia**  
B8C2F5

**Deuteranopia**  
BEC0F4

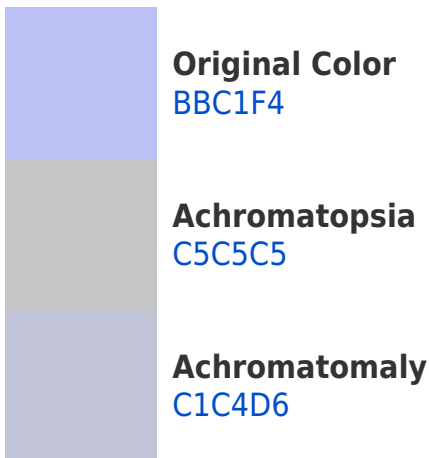


**Tritanopia**  
B5C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC1F4 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 #BBC1F4 looks like.

```
.text, #text, p{  
    color:#BBC1F4  
}
```

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 #BBC1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC1F4
}
```

## Border

The CSS property to change the border of an element to Hex BBC1F4 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
#BBC1F4 }
```

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

```
.border{ border-color:#BBC1F4 }
```

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

Here you see how a box with a 4 pixel #BBC1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC1F4; -webkit-box-shadow:4px 4px  
4px 4px #BBC1F4; box-shadow:4px 4px 4px  
4px #BBC1F4 }
```

# Background

The CSS property to change the background color of an element to Hex BBC1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC1F4 }
```

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

```
.background{ background-color:#BBC1F4 }
```

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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