

Converting Colors

Hex(BBC6EC)

Have a look what the booklet for
Hex(BBC6EC) contains.

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Color

Hex(BBC6EC)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6EC
RGB	187, 198, 236
RGB Percent	73%, 78%, 93%
CMY	0.2667, 0.2235, 0.0745
CMYK	0.21, 0.16, 0.00, 0.07
HSL	227°, 56%, 83%
HSV	227°, 21%, 93%
XYZ	55.8279, 57.0091, 87.4183
YIQ	199.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

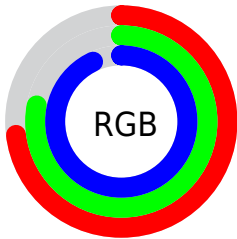
Format	Color
RYB	187, 196, 236
Decimal	12306156
CIELab	80.18, 4.15, -20.05
CIELCh	80, 20.474, 281.688
Yxy	57.0091, 0.2788, 0.2847
Android (android.graphics.Color)	4290496236 (0xFFBBC6EC)
YUV	199.0430, 18.2198, -10.5617
Hunter-Lab	75.5044, -0.1498, -15.7924

Details

The Hex color **BBC6EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECE1BB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F4FFFF**, and **8590B4** is the 20% darker color. If you saturate the color by 10%, you get **A3B4EC**, and if you desaturate by 10%, it is **D3D8EC**.

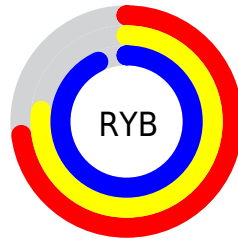
Distribution



Red (73%)

Green (78%)

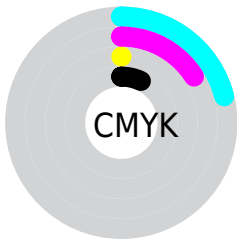
Blue (93%)



Red (73%)

Yellow (77%)

Blue (93%)

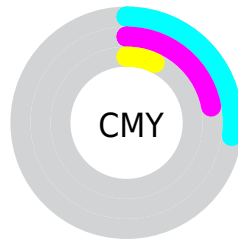


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBC6EC 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 BBC6EC by changing the saturation by 10% instead.

 BBC6EC

 BBC6EC

FFFFFF

 A0ABD0

 F4FFFF

 8590B4

 6B7799

 525E7F

 3A4766

 23304E

 0A1C37

 000022

 000008

 BBC6EC

 BBC6EC

 A3B4EC

 D3D8EC

 8CA1EC

 EAEBEC

 748FEC

 FFFDEC

 5D7DEC

 FFFFEC

 456AEC

 2D58EC

 1646EC

 0035EC

Harmonies

Analogous

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



A3CCEB



BBC6EC



D4C0E3

Triad

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



BBC6EC



ECBCAE



A4D1BA

Complementary

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



BBC6EC



ECE1BB

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.



B8CDAA



BBC6EC



E1C2A3

Square

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



BBC6EC



EFBAC0



CEC8A1



96D2CE

Rectangle

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



BBC6EC



E1BCD9



CEC8A1



AAD0B4

Sweetspot

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



BBC6EC



F0F3FF



BBECE1



777980



000000



808080

Same Dimension

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



BBC6EC



BFCEFF



C8BBEC



6A6C75



0029B5



000C36

Inverse Universe

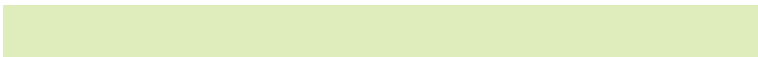
The Inverse Universe completely reimagines the original color for something new.



ECBBC6



FFBFCE



DFECBB



756A6C



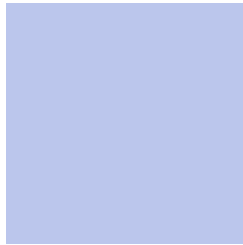
B50029



36000C

Previews

White Background



This preview shows how the Hex color BBC6EC looks on a white background.

Color Contrast Check

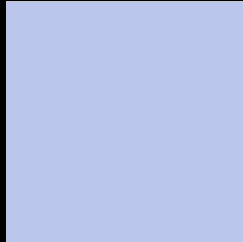
Large Text (above 18pt) WCAG AA × Fail

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 BBC6EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

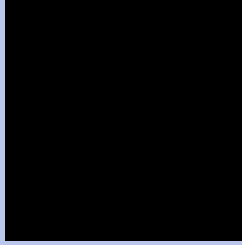
Any Text WCAG AA ✓ Pass

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 BBC6EC Background



This preview shows how black text looks on a background with the Hex color BBC6EC.

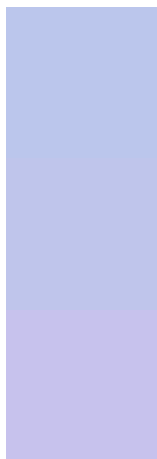


This preview shows how white text looks on a background with the Hex color BBC6EC.

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
BBC6EC

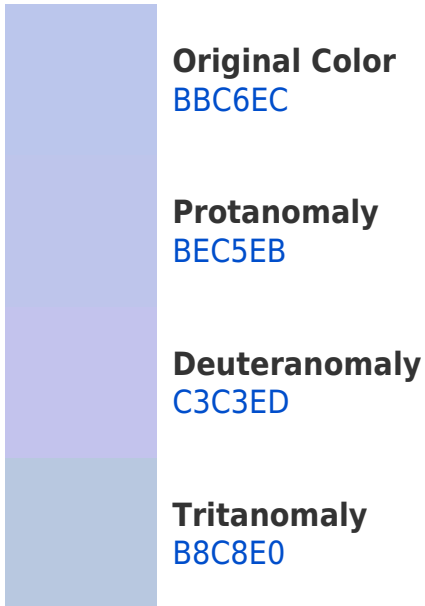
Protanopia
BFC5EB

Deuteranopia
C7C2ED

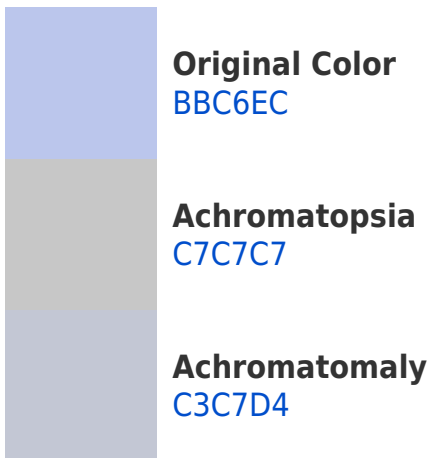


Tritanopia
B7C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBC6EC 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 #BBC6EC looks like.

```
.text, #text, p{  
    color:#BBC6EC  
}
```

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 #BBC6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC6EC
}
```

Border

The CSS property to change the border of an element to Hex BBC6EC 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
#BBC6EC }
```

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

```
.border{ border-color:#BBC6EC }
```

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

Here you see how a box with a 4 pixel #BBC6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC6EC; -webkit-box-shadow:4px 4px  
4px 4px #BBC6EC; box-shadow:4px 4px 4px  
4px #BBC6EC }
```

Background

The CSS property to change the background color of an element to Hex BBC6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC6EC }
```

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

```
.background{ background-color:#BBC6EC }
```

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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