

Converting Colors

Hex(BBEEFF)

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

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Color

Hex(BBEEFF)

Conversions

Conversions Part 1

Format	Color
Hex	BBEEFF
RGB	187, 238, 255
RGB Percent	73%, 93%, 100%
CMY	0.2667, 0.0667, 0.0000
CMYK	0.27, 0.07, 0.00, 0.00
HSL	195°, 100%, 87%
HSV	195°, 27%, 100%
XYZ	69.1181, 78.9339, 106.2006
YIQ	224.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

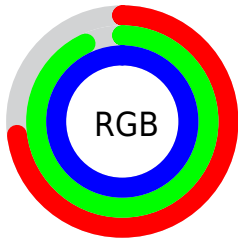
Format	Color
R _Y B	187, 216, 255
Decimal	12316415
CIE _{Lab}	91.20, -12.46, -13.51
CIE _{LCh}	91, 18.377, 227.316
Y _{xy}	78.9339, 0.2718, 0.3105
Android (android.graphics.Color)	4290506495 (0xFFBBEEFF)
YUV	224.6890, 14.9433, -33.0533
Hunter-Lab	88.8447, -16.6116, -8.6810

Details

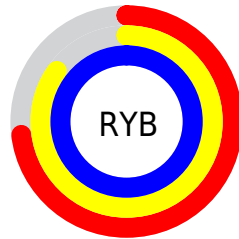
The Hex color **BBEEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCCBB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **F4FFFF**, and **84B6C6** is the 20% darker color. If you saturate the color by 10%, you get **A2E8FF**, and if you desaturate by 10%, it is **D4F4FF**.

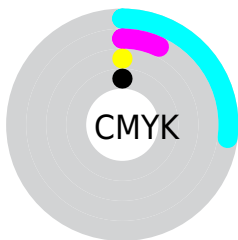
Distribution



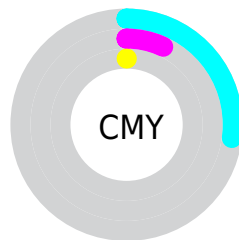
- Red (73%)
- Green (93%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 BBEEFF

 BBEEFF

FFFFFF

 9FD2E2

 F4FFFF

 84B6C6

 6A9BAB

 4F8190

 356877

 1A505E

 003946

 002330

 000A1C

 BBEEFF

 BBEEFF

 A2E8FF

 D4F4FF

 88E1FF

 EEFBFF

 6EDBFF

FFFFFF

 55D4FF

 3BCEFF

 22C8FF

 08C1FF

 00BFFF

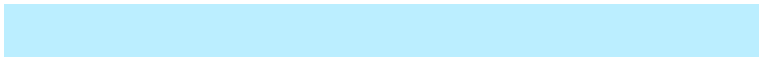
Harmonies

Analogous

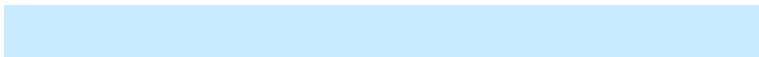
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9F0F0



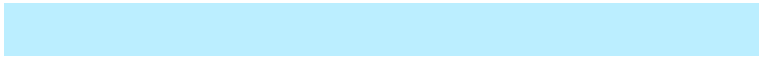
BBEEFF



CAEAFF

Triad

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



BBEEFF



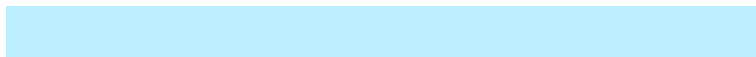
FFDAEE



E9E8C4

Complementary

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



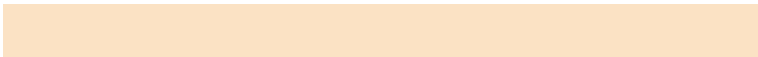
BBEEFF



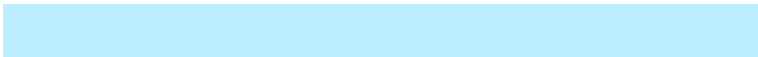
FFCCBB

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.



FBE2C4



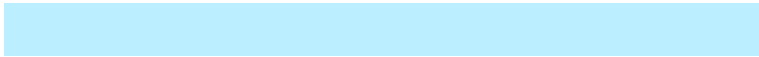
BBEEFF



FFDADC

Square

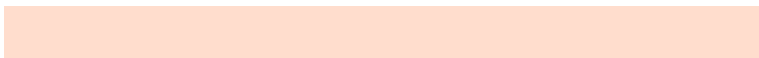
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



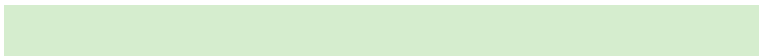
BBEEFF



F5DEFE



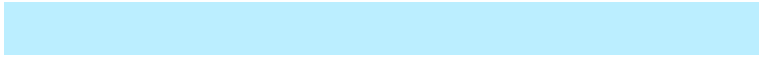
FFDDCD



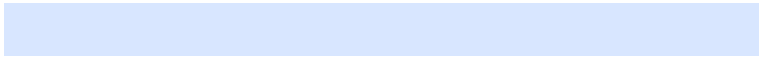
D5EDCE

Rectangle

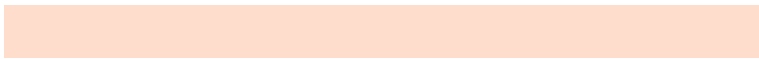
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBEEFF



D8E6FF



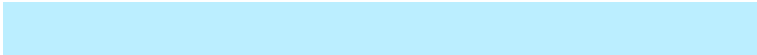
FFDDCD



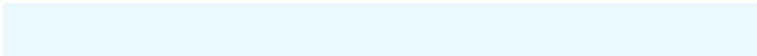
F0E6C3

Sweetspot

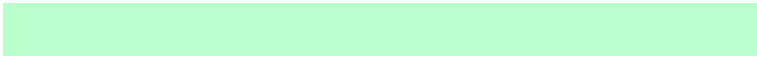
The Sweet Spot groups the original color and five complimentary colors.



BBEEFF



EBFAFF



BBFFCC



737C80



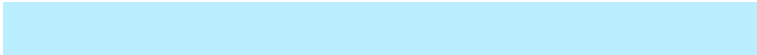
000000



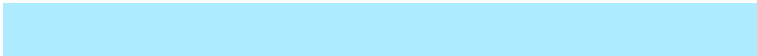
808080

Same Dimension

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



BBEEFF



ADEBFF



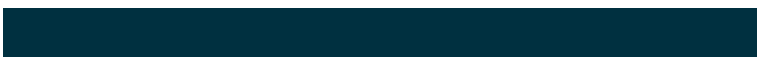
BBCCFF



737C80



008FBF



003040

Inverse Universe

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



FFBBEE



FFADEV



FFEEBB



80737C



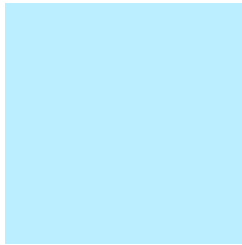
BF008F



400030

Previews

White Background



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

Color Contrast Check

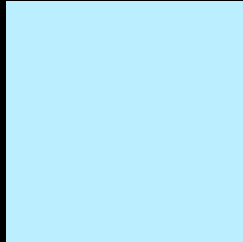
Large Text (above 18pt) WCAG AA × Fail

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 BBEEFF 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 BBEEFF Background



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

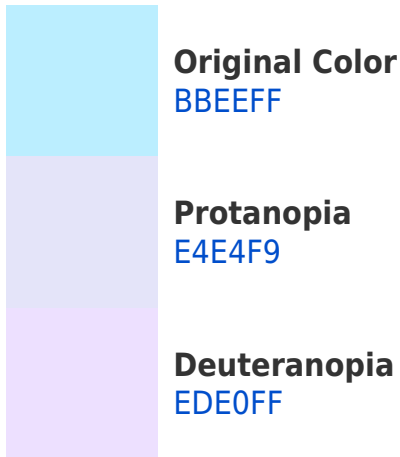


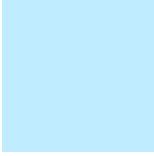
This preview shows how white text looks on a background with the Hex color BBEEFF.

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



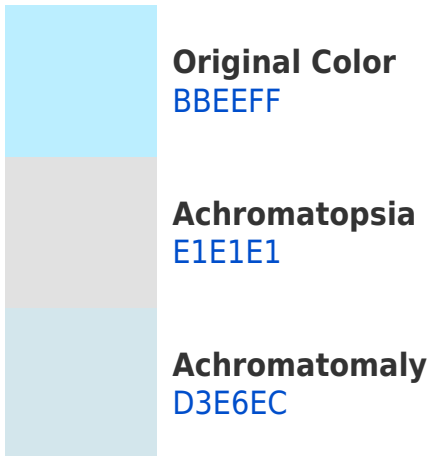


Tritanopia
BFEDFF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #BBEEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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