

# Converting Colors

Hex(BBEEF9)

Have a look what the booklet for  
Hex(BBEEF9) contains.

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# **Color**

**Hex(BBEEF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBEEF9
RGB	187, 238, 249
RGB Percent	73%, 93%, 98%
CMY	0.2667, 0.0667, 0.0235
CMYK	0.25, 0.04, 0.00, 0.02
HSL	191°, 84%, 85%
HSV	191°, 25%, 98%
XYZ	68.1669, 78.5534, 101.1921
YIQ	224.0050, -33.9270, -7.3910

# Conversions

## Conversions Part 2

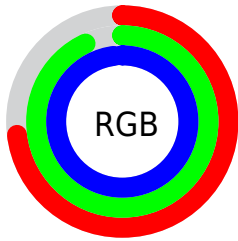
Format	Color
R <sub>YB</sub>	187, 215, 249
Decimal	12316409
CIE <sub>Lab</sub>	91.03, -13.79, -10.64
CIE <sub>LCh</sub>	91, 17.414, 217.653
Y <sub>xy</sub>	78.5534, 0.2750, 0.3169
Android (android.graphics.Color)	4290506489 (0xFFBBEEF9)
YUV	224.0050, 12.3225, -32.4534
Hunter-Lab	88.6304, -17.8161, -5.6520

# Details

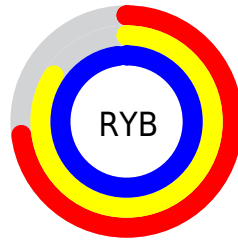
The Hex color **BBEEF9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9C6BB**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F4FFFF**, and **84B6C1** is the 20% darker color. If you saturate the color by 10%, you get **A2EAF9**, and if you desaturate by 10%, it is **D4F2F9**.

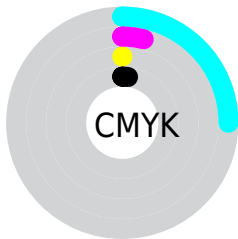
# Distribution



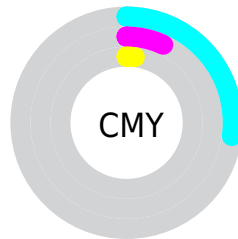
- Red (73%)
- Green (93%)
- Blue (98%)



- Red (73%)
- Yellow (84%)
- Blue (98%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBEEF9 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 BBEEF9 by changing the saturation by 10% instead.



 BBEEF9

 BBEEF9

FFFFFF

 9FD2DC

 F4FFFF

 84B6C1

 6A9BA5

 50818B

 366872

 1C5059

 003942

 00232C

 000818

 BBEEF9

 BBEEF9

 A2EAF9

 D4F2F9

 89E5F9

 EDF7F9

 70E1F9

 FFFBF9

 57DCF9

 FFFFF9

 3ED8F9

 26D3F9

 0DCFF9

 00CDF9

# Harmonies

## Analogous

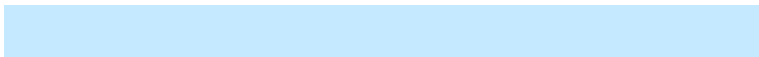
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BDFE9



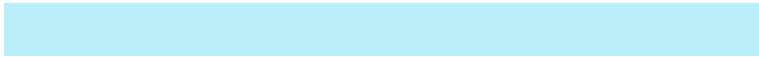
BBEEF9



C5EAF9

# Triad

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



BBEEF9



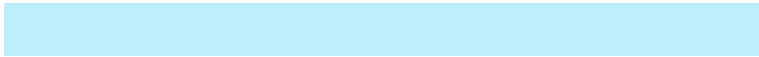
FFDBF2



EEE5C4

# Complementary

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



BBEEF9



F9C6BB

# 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.



FEE0C7



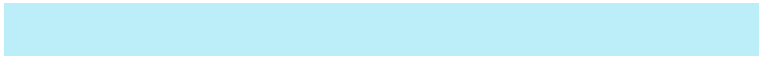
BBEEF9



FFDAE1

# Square

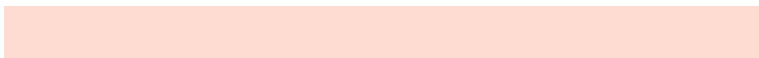
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



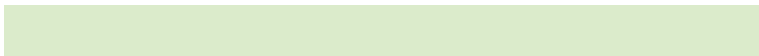
BBEEF9



EEE0FF



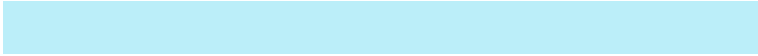
FFDCD2



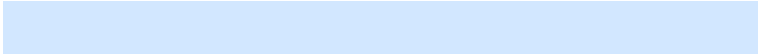
DBEBCB

# Rectangle

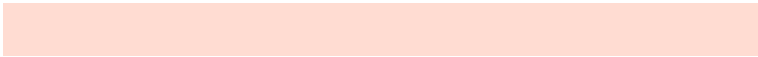
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



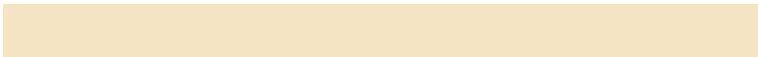
BBEEF9



D2E7FF



FFDCD2



F4E4C4

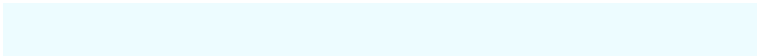


# Sweetspot

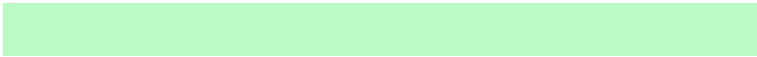
The Sweet Spot groups the original color and five complimentary colors.



BBEEF9



EDFCFF



BBF9C5



757E80



000000



808080

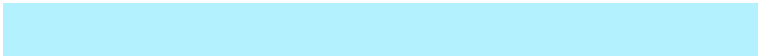


# Same Dimension

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



BBEEF9



B3F1FF



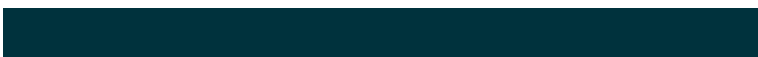
BBD0F9



707B7D



009BBD



00323D



# Inverse Universe

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



F9BBEE



FFB3F1



F9E4BB



7D707B



BD009B

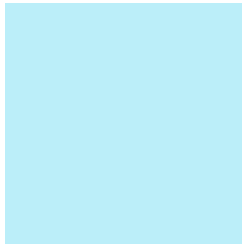


3D0032



# Previews

## White Background



This preview shows how the Hex color BBEEF9 looks on a white background.

## Color Contrast Check

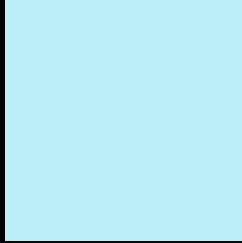
Large Text (above 18pt) WCAG AA × Fail

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 BBEEF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

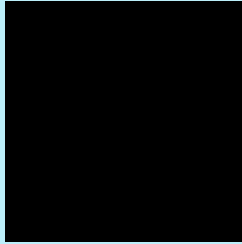
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBEEF9 Background



This preview shows how black text looks on a background with the Hex color BBEEF9.

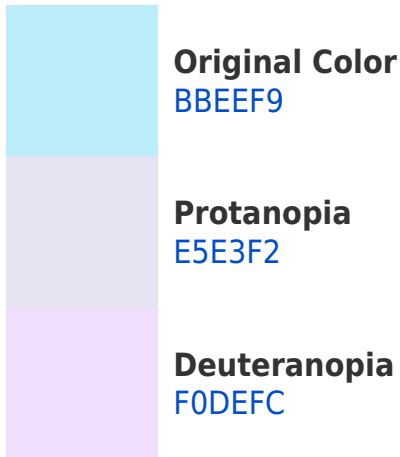


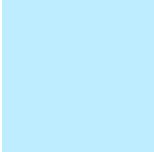
This preview shows how white text looks on a background with the Hex color BBEEF9.

# Color Blindness Simulation

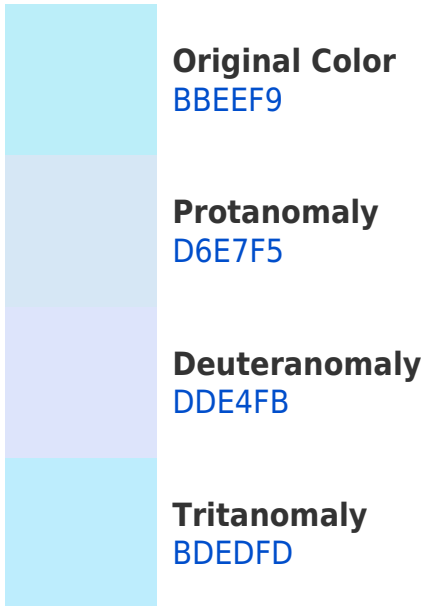
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

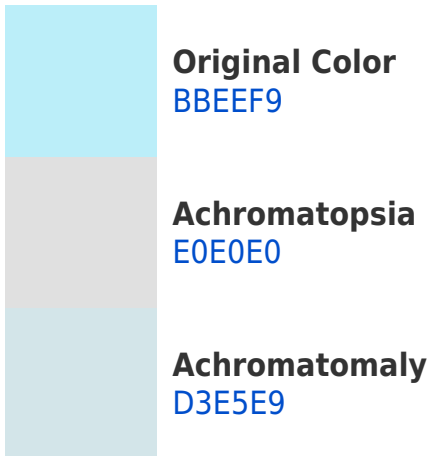




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBEEF9 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 #BBEEF9 looks like.

```
.text, #text, p{  
    color:#BBEEF9  
}
```

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 #BBEEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBEEF9
}
```

## Border

The CSS property to change the border of an element to Hex BBEEF9 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
#BBEEF9 }
```

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

```
.border{ border-color:#BBEEF9 }
```

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

Here you see how a box with a 4 pixel #BBEEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBEEF9; -webkit-box-shadow:4px 4px  
4px 4px #BBEEF9; box-shadow:4px 4px 4px  
4px #BBEEF9 }
```

# Background

The CSS property to change the background color of an element to Hex BBEEF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBEEF9 }
```

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

```
.background{ background-color:#BBEEF9 }
```

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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