

# Converting Colors

Hex(BBDEF4)

Have a look what the booklet for  
Hex(BBDEF4) contains.

<b>Hex(BBDEF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BBDEF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBDEF4
RGB	187, 222, 244
RGB Percent	73%, 87%, 96%
CMY	0.2667, 0.1294, 0.0431
CMYK	0.23, 0.09, 0.00, 0.04
HSL	203°, 72%, 85%
HSV	203°, 23%, 96%
XYZ	62.9439, 69.3390, 95.6542
YIQ	214.0430, -27.9220, -0.5780

# Conversions

## Conversions Part 2

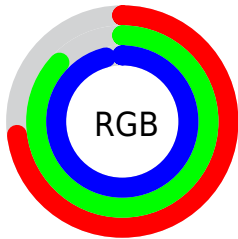
Format	Color
R <sub>Y</sub> B	187, 209, 244
Decimal	12312308
CIE Lab	86.67, -6.73, -14.53
CIE LCh	87, 16.011, 245.148
Yxy	69.3390, 0.2761, 0.3042
Android (android.graphics.Color)	4290502388 (0xFFBBDEF4)
YUV	214.0430, 14.7688, -23.7167
Hunter-Lab	83.2700, -10.7942, -9.8188

# Details

The Hex color **BBDEF4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F4D1BB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F4FFFF**, and **85A7BC** is the 20% darker color. If you saturate the color by 10%, you get **A3D5F4**, and if you desaturate by 10%, it is **D3E7F4**.

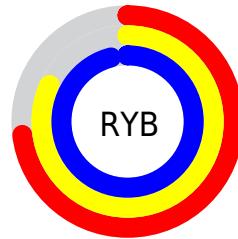
# Distribution



Red (73%)

Green (87%)

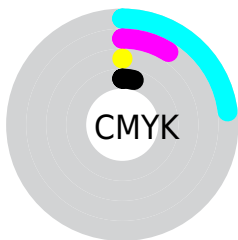
Blue (96%)



Red (73%)

Yellow (82%)

Blue (96%)

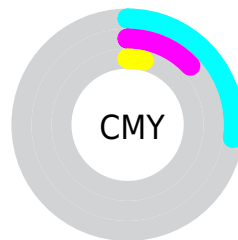


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (13%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBDEF4 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 BBDEF4 by changing the saturation by 10% instead.



 BBDEF4

 BBDEF4

FFFFFF

 A0C2D8

 F4FFFF

 85A7BC

 6B8DA1

 517387

 395B6D

 204355

 032D3E

 001928

 000113

 BBDEF4

 BBDEF4

 A3D5F4

 D3E7F4

 8ACBF4

 ECF1F4

 72C2F4

 FFFAF4

 59B8F4

 FFFFF4

 41AFF4

 29A5F4

 109CF4

 0096F4

# Harmonies

## Analogous

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



B2E1EA



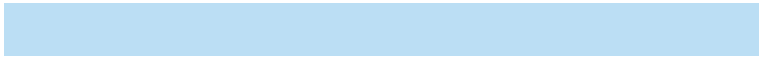
BBDEF4



CCD9F7

# Triad

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



BBDEF4



F8CFD7



D1DDC0

# Complementary

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



BBDEF4



F4D1BB

# 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.



E3D9BB



BBDEF4



F9D0C8

# Square

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



BBDEF4



EFD0E6



F1D4BE



C1E1CC

# Rectangle

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



BBDEF4



D9D6F4



F1D4BE



D7DCBD

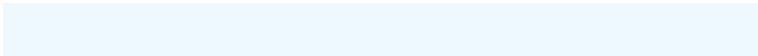


# Sweetspot

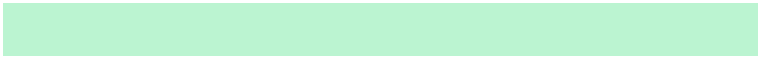
The Sweet Spot groups the original color and five complimentary colors.



BBDEF4



EDF8FF



BBF4D1



757C80



000000



808080

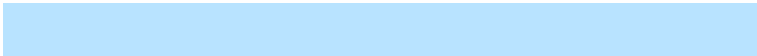


# Same Dimension

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



BBDEF4



B8E3FF



BBC2F4



6E767A



0072BA



00243B



# Inverse Universe

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



F4BBDE



FFB8E3



F4EDBB



7A6E76



BA0072

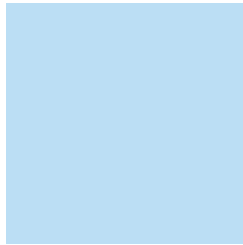


3B0024



# Previews

## White Background



This preview shows how the Hex color BBDEF4 looks on a white background.

## Color Contrast Check

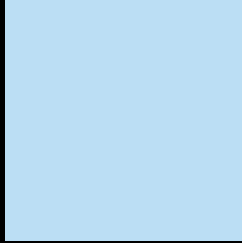
Large Text (above 18pt) WCAG AA × Fail

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 BBDEF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

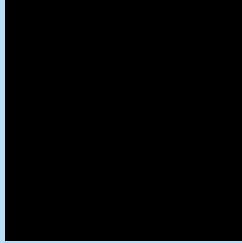
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

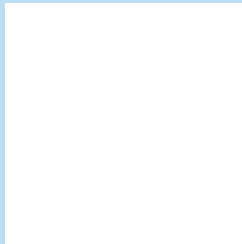
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBDEF4 Background



This preview shows how black text looks on a background with the Hex color BBDEF4.

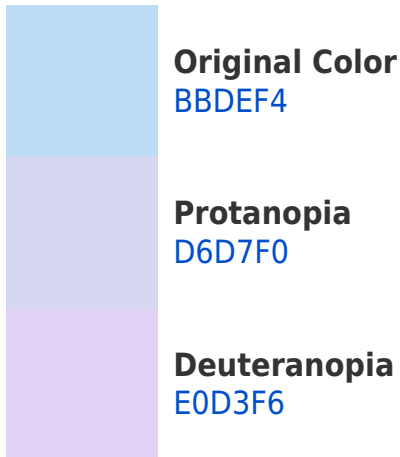


This preview shows how white text looks on a background with the Hex color BBDEF4.

# Color Blindness Simulation

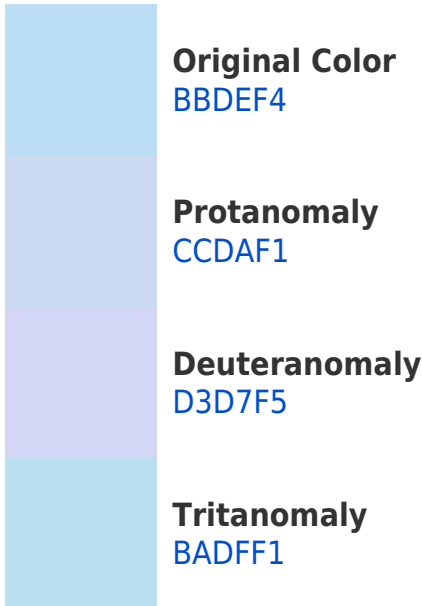
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

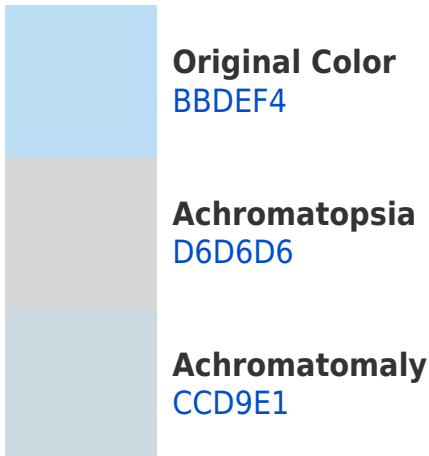




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBDEF4 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 #BBDEF4 looks like.

```
.text, #text, p{  
    color:#BBDEF4  
}
```

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 #BBDEF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDEF4
}
```

## Border

The CSS property to change the border of an element to Hex BBDEF4 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
#BBDEF4 }
```

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

```
.border{ border-color:#BBDEF4 }
```

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

Here you see how a box with a 4 pixel #BBDEF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDEF4; -webkit-box-shadow:4px 4px  
4px 4px #BBDEF4; box-shadow:4px 4px 4px  
4px #BBDEF4 }
```

# Background

The CSS property to change the background color of an element to Hex BBDEF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDEF4 }
```

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

```
.background{ background-color:#BBDEF4 }
```

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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