

# Converting Colors

Hex(BCDEFA)

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

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# **Color**

**Hex(BCDEFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCDEFA
RGB	188, 222, 250
RGB Percent	74%, 87%, 98%
CMY	0.2627, 0.1294, 0.0196
CMYK	0.25, 0.11, 0.00, 0.02
HSL	207°, 86%, 86%
HSV	207°, 25%, 98%
XYZ	64.1156, 69.8360, 100.5429
YIQ	215.0260, -29.2520, 1.5000

# Conversions

## Conversions Part 2

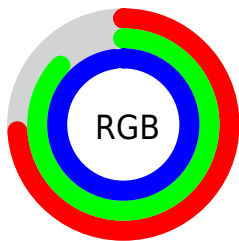
Format	Color
<b>RYB</b>	188, 210, 250
Decimal	12377850
CIELab	86.92, -5.10, -17.32
CIELCh	87, 18.050, 253.600
Yxy	69.8360, 0.2734, 0.2978
Android (android.graphics.Color)	4290567930 (0xFFBCDEFA)
YUV	215.0260, 17.2422, -23.7018
Hunter-Lab	83.5680, -9.2938, -12.8359

# Details

The Hex color **BCDEFA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAD8BC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F5FFFF**, and **86A7C1** is the 20% darker color. If you saturate the color by 10%, you get **A3D3FA**, and if you desaturate by 10%, it is **D5E9FA**.

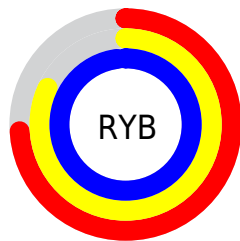
# Distribution



Red (74%)

Green (87%)

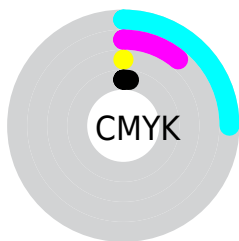
Blue (98%)



Red (74%)

Yellow (82%)

Blue (98%)

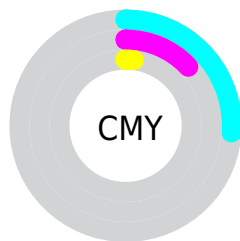


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

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



BCDEFA

BCDEFA

FFFFFF

A0C2DD

F5FFFF

86A7C1

6B8DA6

52738C

395B72

1F435A

012D42

00192C

000118

 BCDEFA

 BCDEFA

 A3D3FA

 D5E9FA

 8AC7FA

 EE5FA

 71BCFA

 FFFFA

 58B1FA

 3FA6FA

 269AFA

 0D8FFA

 0089FA

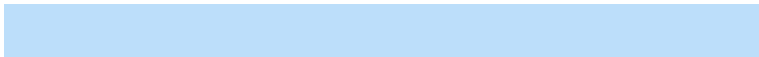
# Harmonies

## Analogous

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



AFE2F1



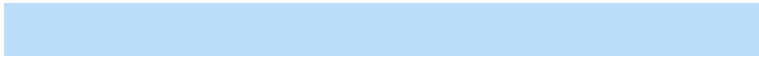
BCDEFA



D1D8FB

# Triad

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



BCDEFA



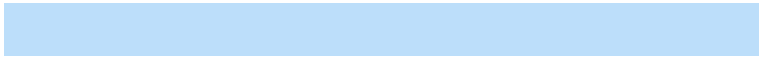
FECED2



CBE0C1

# Complementary

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



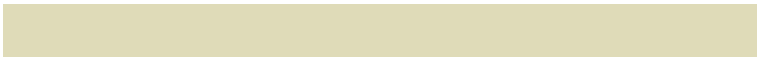
BCDEFA



FAD8BC

# 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.



DFDBB8



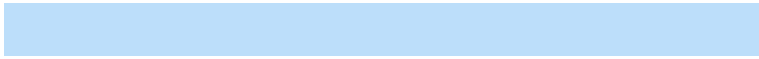
BCDEFA



FBD0C3

# Square

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



BCDEFA



F7CFE4



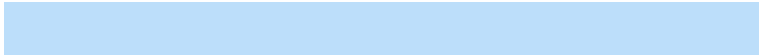
F0D5B9



B9E3CF

# Rectangle

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



BCDEFA



E0D5F6



F0D5B9

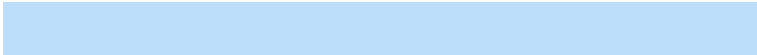


D2DEBD

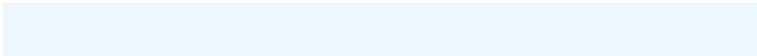


# Sweetspot

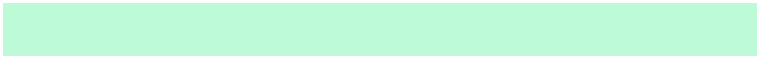
The Sweet Spot groups the original color and five complimentary colors.



BCDEFA



EDF7FF



BCFAD8



757B80



000000

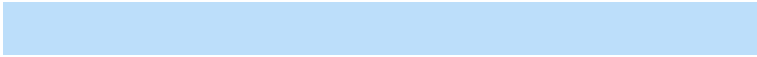


808080

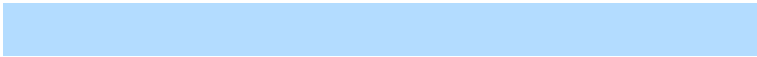


# Same Dimension

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



BCDEFA



B3DCFF



BCBFFA



70777D



0067BD



00223D



# Inverse Universe

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



FABCDE



FFB3DC



FAF7BC



7D7077



BD0067

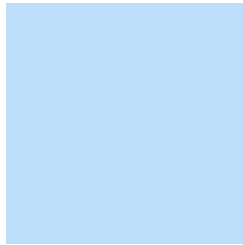


3D0022



# Previews

## White Background



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

## Color Contrast Check

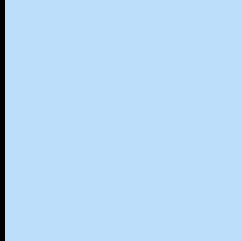
Large Text (above 18pt) WCAG AA × Fail

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 BCDEFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

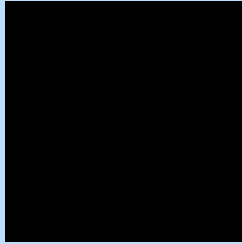
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

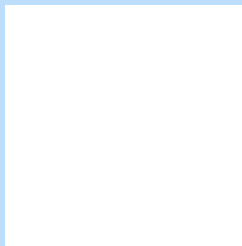
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCDEFA Background



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

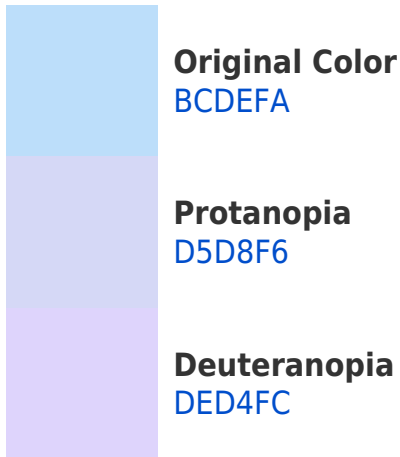


This preview shows how white text looks on a background with the Hex color BCDEFA.

# 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](#).

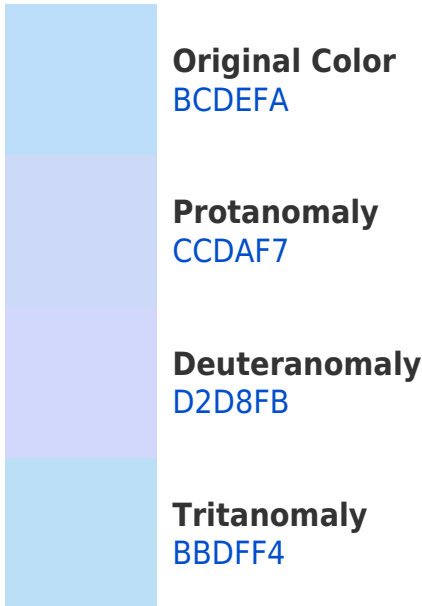
## Dichromacy



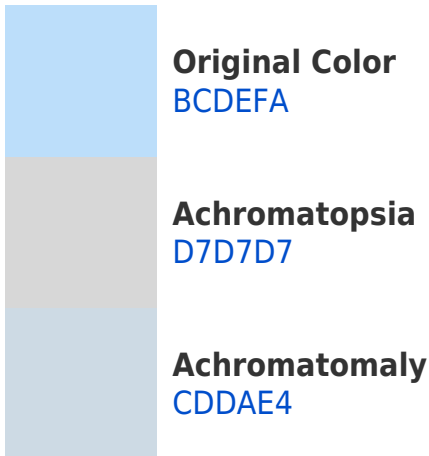


**Tritanopia**  
BADFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BCDEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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