

Converting Colors

Hex(BDEDFA)

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

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Color

Hex(BDEDFA)

Conversions

Conversions Part 1

Format	Color
Hex	BDEDF8
RGB	189, 237, 250
RGB Percent	74%, 93%, 98%
CMY	0.2588, 0.0706, 0.0196
CMYK	0.24, 0.05, 0.00, 0.02
HSL	193°, 86%, 86%
HSV	193°, 24%, 98%
XYZ	68.5258, 78.2893, 101.9421
YIQ	224.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

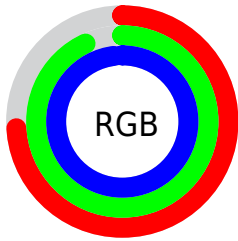
Format	Color
R _{YB}	189, 216, 250
Decimal	12447226
CIE _{Lab}	90.91, -12.49, -11.33
CIE _{LCh}	91, 16.857, 222.212
Y _{xy}	78.2893, 0.2755, 0.3147
Android (android.graphics.Color)	4290637306 (0xFFBDEDFA)
YUV	224.1300, 12.7539, -30.8090
Hunter-Lab	88.4813, -16.5999, -6.3731

Details

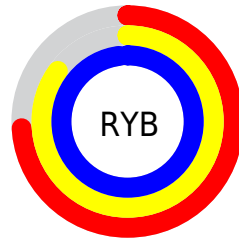
The Hex color **BDEDF4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FACABD**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F6FFFF**, and **86B5C2** is the 20% darker color. If you saturate the color by 10%, you get **A4E8FA**, and if you desaturate by 10%, it is **D6F2FA**.

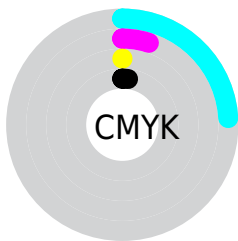
Distribution



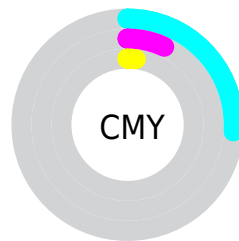
- Red (74%)
- Green (93%)
- Blue (98%)



- Red (74%)
- Yellow (85%)
- Blue (98%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 BDEDFA

FFFFFF

 F6FFFF

 BDEDFA

 A1D1DD

 86B5C2

 6C9AA6

 52808C

 396773

 1F4F5A

 003843

 00222C

 000718

 BDEDFA

 BDEDFA

 A4E8FA

 D6F2FA

 8BE2FA

 EFF8FA

 72DDFA

 FFFDFA

 59D8FA

 FFFFFA

 40D2FA

 27CDFA

 0EC8FA

 00C5FA

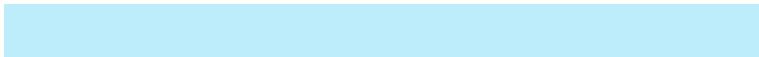
Harmonies

Analogous

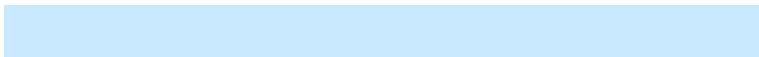
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BDEFEB



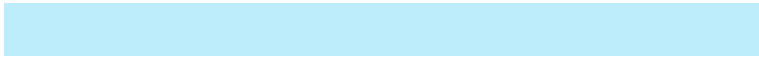
BDEDFA



C9E9FF

Triad

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



BDEDFA



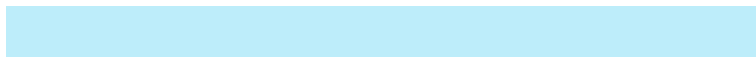
FFDBEF



EBE6C5

Complementary

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



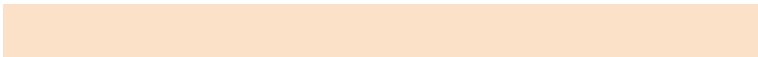
BDEDFA



FACABD

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.



FBE1C7



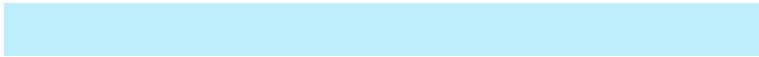
BDEDFA



FFDADF

Square

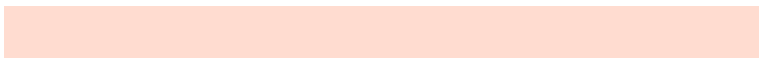
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



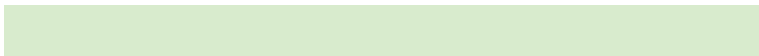
BDEDFA



F0DFFD



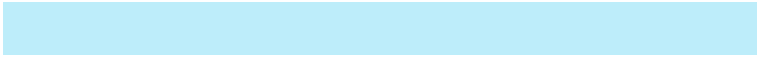
FFDCD0



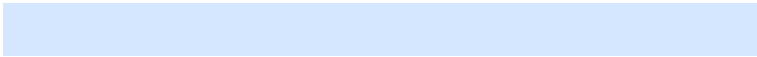
D8EBCD

Rectangle

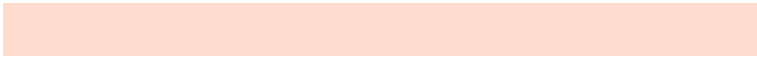
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDEDFA



D5E6FF



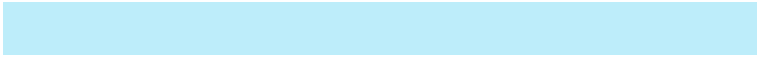
FFDCD0



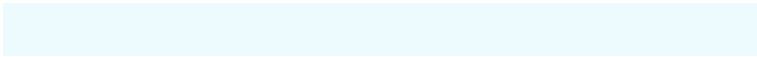
F1E4C5

Sweetspot

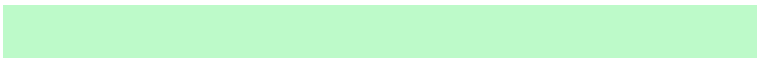
The Sweet Spot groups the original color and five complimentary colors.



BDEDFA



EDFBFF



BDFAC9



757D80



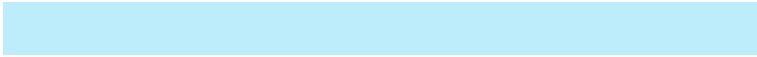
000000



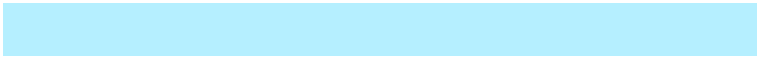
808080

Same Dimension

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



BDEDFA



B5EFFF



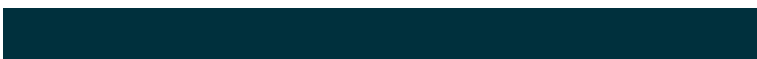
BDCFFA



707A7D



0094BD



00303D

Inverse Universe

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



FABDED



FFB5EF



FAE8BD



7D707A



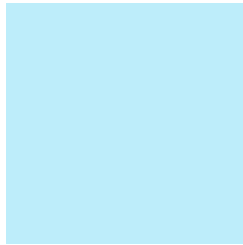
BD0094



3D0030

Previews

White Background



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

Color Contrast Check

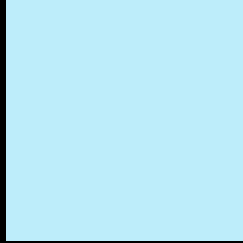
Large Text (above 18pt) WCAG AA × Fail

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 BDEDFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

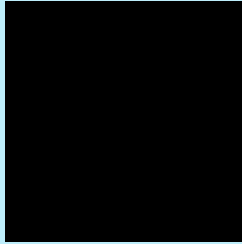
Any Text WCAG AA ✓ Pass

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 BDEDFA Background



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

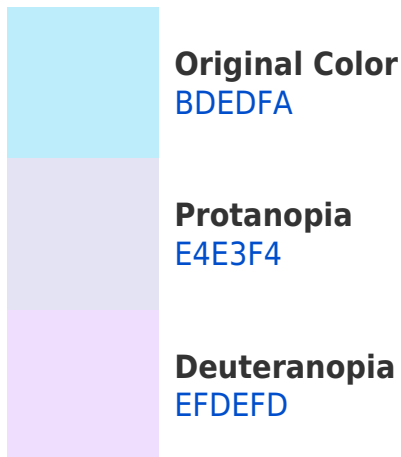


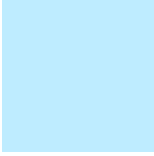
This preview shows how white text looks on a background with the Hex color BDEDFA.

Color Blindness Simulation

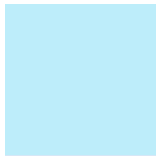
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

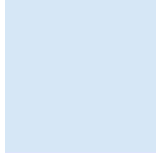




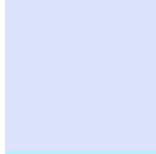
Trichromacy



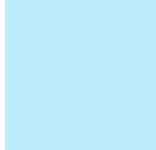
Original Color
BDEDFA



Protanomaly
D6E7F6



Deuteranomaly
DDE3FC

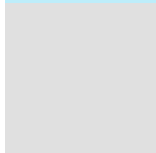


Tritanomaly
BEECFD

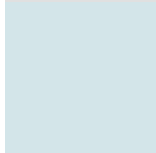
Monochromacy



Original Color
BDEDFA



Achromatopsia
E0E0E0



Achromatomaly
D3E5E9

CSS Examples

Text

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

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

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 #BDEDFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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