

Converting Colors

Hex(BEA2F3)

Have a look what the booklet for
Hex(BEA2F3) contains.

Hex(BEA2F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BEA2F3)

Conversions

Conversions Part 1

Format	Color
Hex	BEA2F3
RGB	190, 162, 243
RGB Percent	75%, 64%, 95%
CMY	0.2549, 0.3647, 0.0471
CMYK	0.22, 0.33, 0.00, 0.05
HSL	261°, 77%, 79%
HSV	261°, 33%, 95%
XYZ	50.3332, 43.2589, 90.4910
YIQ	179.6060, -9.3130, 31.1270

Conversions

Conversions Part 2

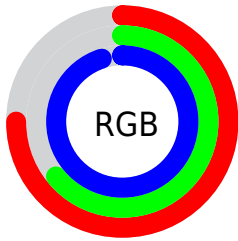
Format	Color
RYB	190, 162, 243
Decimal	12493555
CIELab	71.73, 26.37, -36.78
CIELCh	72, 45.258, 305.644
Yxy	43.2589, 0.2734, 0.2350
Android (android.graphics.Color)	4290683635 (0xFFBEA2F3)
YUV	179.6060, 31.2532, 9.1155
Hunter-Lab	65.7715, 21.5013, -35.5335

Details

The Hex color **BEA2F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D7F3A2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F7D9FF**, and **876EBA** is the 20% darker color. If you saturate the color by 10%, you get **AE8AF3**, and if you desaturate by 10%, it is **CEBAF3**.

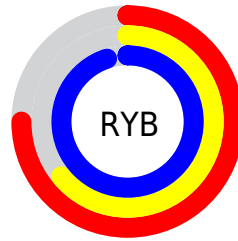
Distribution



Red (75%)

Green (64%)

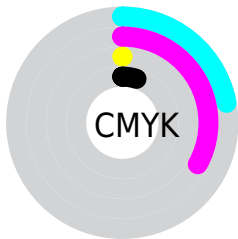
Blue (95%)



Red (75%)

Yellow (64%)

Blue (95%)

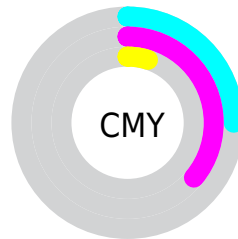


Cyan (22%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEA2F3 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 BEA2F3 by changing the saturation by 10% instead.

 BEA2F3

 BEA2F3

FFFFFF

 A288D6

 F7D9FF

 876EBA

 FFF6FF

 6D569F

 533E85

 3A286B

 201253

 0A003B

 000225

 00010D

 BEA2F3

 BEA2F3

 AE8AF3

 CEBAF3

 9E71F3

 DED3F3

 8E59F3

 EEEBF3

 7E41F3

 FEFFF3

 6E29F3

 FFFFF3

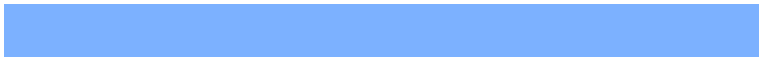
 5F10F3

 5400F3

Harmonies

Analogous

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



7CB1FF



BEA2F3



EA94D3

Triad

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



BEA2F3



E5A165



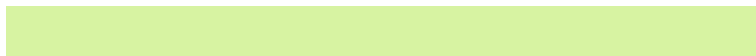
00C5B6

Complementary

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



BEA2F3



D7F3A2

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.



61C38C



BEA2F3



C2B05C

Square

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



BEA2F3



FB9482



96BB6B



00C4DF

Rectangle

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



BEA2F3



FA8FB8



96BB6B



2DC5A8

Sweetspot

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



BEA2F3



EEE6FF



A2D8F3



757080



000000



808080

Same Dimension

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



BEA2F3



BC99FF



E6A2F3



726E7A



4000BA



14003B

Inverse Universe

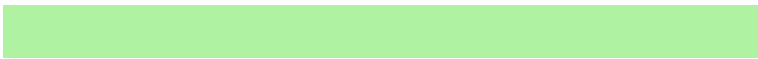
The Inverse Universe completely reimagines the original color for something new.



F3A2D7



FF99DC



AFF3A2



7A6E76



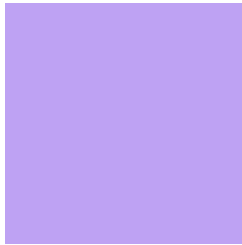
BA007A



3B0026

Previews

White Background



This preview shows how the Hex color BEA2F3 looks on a white background.

Color Contrast Check

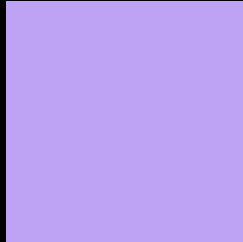
Large Text (above 18pt) WCAG AA × Fail

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 BEA2F3 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 BEA2F3 Background



This preview shows how black text looks on a background with the Hex color BEA2F3.

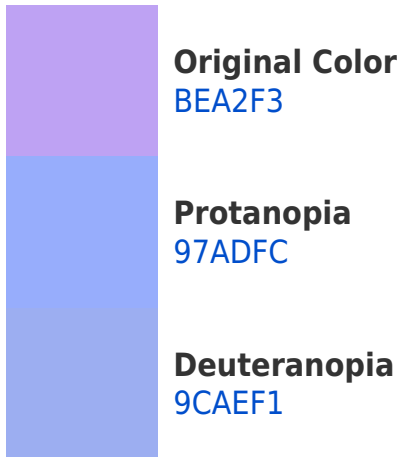


This preview shows how white text looks on a background with the Hex color BEA2F3.

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](#).

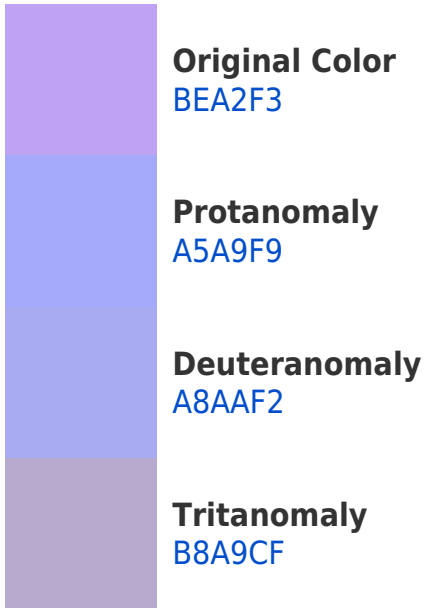
Dichromacy



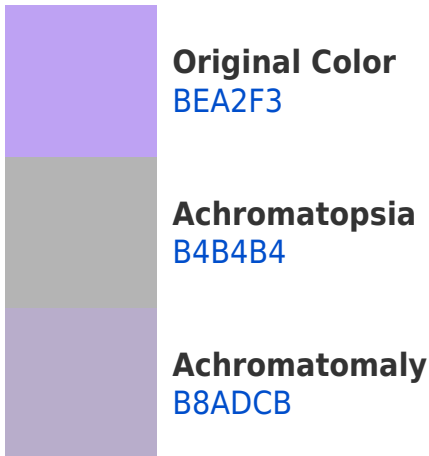


Tritanopia
B4ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEA2F3 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 #BEA2F3 looks like.

```
.text, #text, p{  
    color:#BEA2F3  
}
```

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 #BEA2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA2F3
}
```

Border

The CSS property to change the border of an element to Hex BEA2F3 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
#BEA2F3 }
```

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

```
.border{ border-color:#BEA2F3 }
```

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

Here you see how a box with a 4 pixel #BEA2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA2F3; -webkit-box-shadow:4px 4px  
4px 4px #BEA2F3; box-shadow:4px 4px 4px  
4px #BEA2F3 }
```

Background

The CSS property to change the background color of an element to Hex BEA2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA2F3 }
```

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

```
.background{ background-color:#BEA2F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor