

Converting Colors

Hex(B297F1)

Have a look what the booklet for
Hex(B297F1) contains.

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Color

Hex(B297F1)

Conversions

Conversions Part 1

Format	Color
Hex	B297F1
RGB	178, 151, 241
RGB Percent	70%, 59%, 95%
CMY	0.3020, 0.4078, 0.0549
CMYK	0.26, 0.37, 0.00, 0.05
HSL	258°, 76%, 77%
HSV	258°, 37%, 95%
XYZ	45.3039, 37.9491, 88.1562
YIQ	169.3330, -12.7980, 33.7140

Conversions

Conversions Part 2

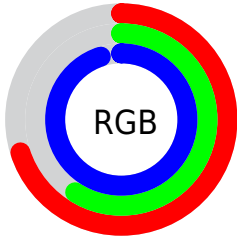
Format	Color
RYB	178, 151, 241
Decimal	11704305
CIELab	67.98, 28.58, -41.61
CIElCh	68, 50.477, 304.482
Yxy	37.9491, 0.2643, 0.2214
Android (android.graphics.Color)	4289894385 (0xFFB297F1)
YUV	169.3330, 35.3318, 7.6010
Hunter-Lab	61.6028, 23.4674, -41.7245

Details

The Hex color **B297F1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6F197**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EBCDFF**, and **7B64B8** is the 20% darker color. If you saturate the color by 10%, you get **A17FF1**, and if you desaturate by 10%, it is **C3AFF1**.

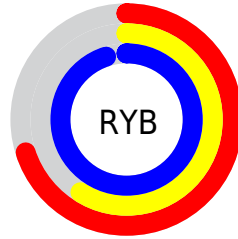
Distribution



Red (70%)

Green (59%)

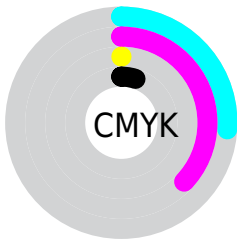
Blue (95%)



Red (70%)

Yellow (59%)

Blue (95%)

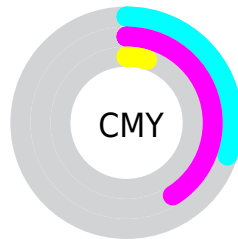


Cyan (26%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (41%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B297F1 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 B297F1 by changing the saturation by 10% instead.

 B297F1

 B297F1

FFFFFF

 967DD4

 EBCDFF

 7B64B8

 FFEAFF

 614C9D

 473483

 2C1E69

 0E0951

 000039

 000222

 000009

 B297F1

 B297F1

 A17FF1

 C3AFF1

 9067F1

 D4C7F1

 7F4FF1

 E5DFF1

 6F37F1

 F5F7F1

 5E1EF1

 FFFFF1

 4D06F1

 4800F1

Harmonies

Analogous

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



61A8FF



B297F1



E386CE

Triad

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



B297F1



E09553



00BDAB

Complementary

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



B297F1



D6F197

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.



4BBA7D



B297F1



BAA547

Square

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



B297F1



F78575



8AB257



00BBD8

Rectangle

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



B297F1



F580B0



8AB257



00BC9B

Sweetspot

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



B297F1



EBE3FF



97D6F1



746F80



000000



808080

Same Dimension

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



B297F1



AF8CFF



DF97F1



6F6C78



3700B8



110038

Inverse Universe

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



F197D6



FF8CDD



A9F197



786C74



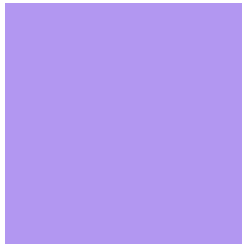
B80081



380027

Previews

White Background



This preview shows how the Hex color B297F1 looks on a white background.

Color Contrast Check

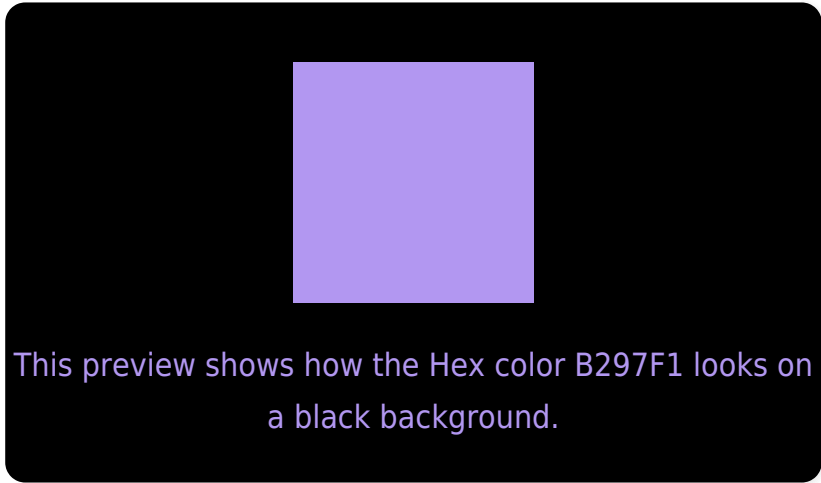
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

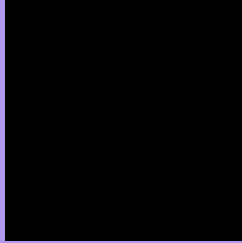
Any Text WCAG AA ✓ Pass

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 B297F1 Background



This preview shows how black text looks on a background with the Hex color B297F1.

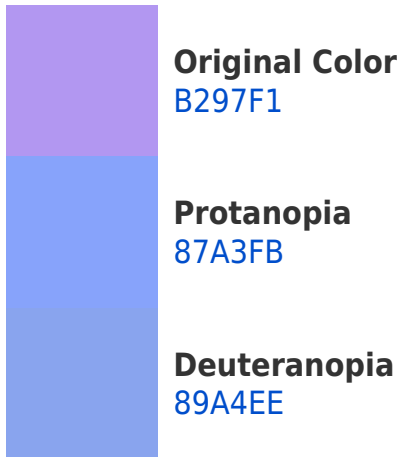


This preview shows how white text looks on a background with the Hex color B297F1.

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](#).

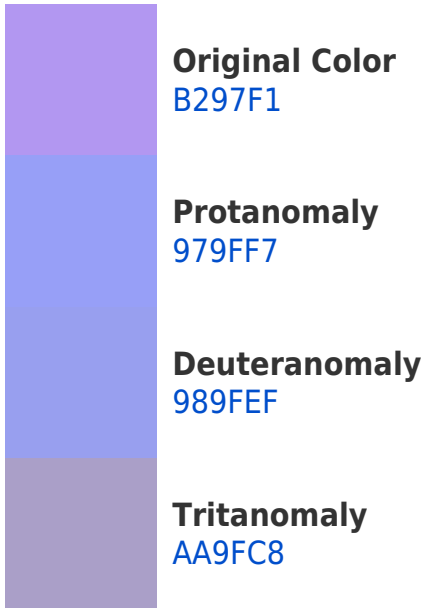
Dichromacy



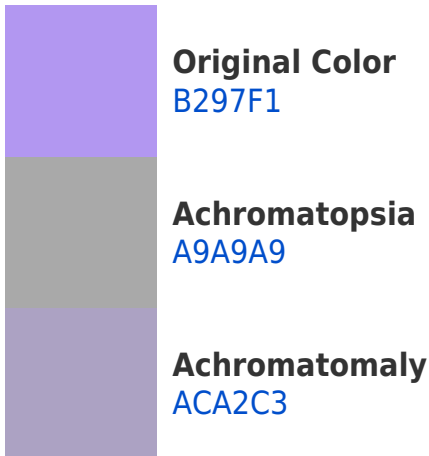


Tritanopia
A6A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B297F1 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 #B297F1 looks like.

```
.text, #text, p{  
    color:#B297F1  
}
```

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 #B297F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B297F1
}
```

Border

The CSS property to change the border of an element to Hex B297F1 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
#B297F1 }
```

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

```
.border{ border-color:#B297F1 }
```

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

Here you see how a box with a 4 pixel #B297F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B297F1; -webkit-box-shadow:4px 4px  
4px 4px #B297F1; box-shadow:4px 4px 4px  
4px #B297F1 }
```

Background

The CSS property to change the background color of an element to Hex B297F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B297F1 }
```

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

```
.background{ background-color:#B297F1 }
```

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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