

Converting Colors

Hex(B299FF)

Have a look what the booklet for
Hex(B299FF) contains.

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Color

Hex(B299FF)

Conversions

Conversions Part 1

Format	Color
Hex	B299FF
RGB	178, 153, 255
RGB Percent	70%, 60%, 100%
CMY	0.3020, 0.4000, 0.0000
CMYK	0.30, 0.40, 0.00, 0.00
HSL	255°, 100%, 80%
HSV	255°, 40%, 100%
XYZ	47.8013, 39.4674, 99.7063
YIQ	172.1030, -17.8420, 37.0220

Conversions

Conversions Part 2

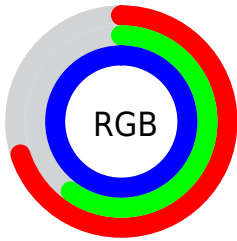
Format	Color
R_{YB}	178, 153, 255
Decimal	11704831
CIE _{Lab}	69.09, 30.86, -47.51
CIE _{LCh}	69, 56.655, 303.006
Yxy	39.4674, 0.2557, 0.2111
Android (android.graphics.Color)	4289894911 (0xFFB299FF)
YUV	172.1030, 40.8682, 5.1717
Hunter-Lab	62.8231, 25.8780, -50.1227

Details

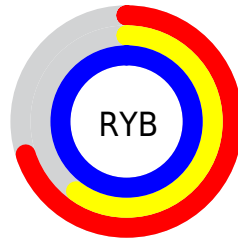
The Hex color **B299FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E6FF99**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ECD0FF**, and **7A66C6** is the 20% darker color. If you saturate the color by 10%, you get **9F80FF**, and if you desaturate by 10%, it is **C5B3FF**.

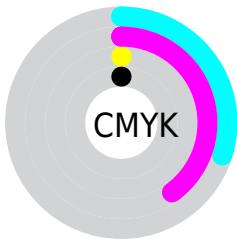
Distribution



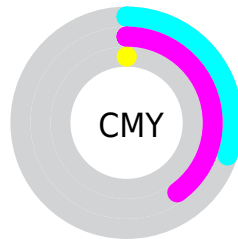
- Red (70%)
- Green (60%)
- Blue (100%)



- Red (70%)
- Yellow (60%)
- Blue (100%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B299FF 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 B299FF by changing the saturation by 10% instead.

 B299FF

 B299FF

FFFFFF

 967FE2

 ECD0FF

 7A66C6

 FFECFF

 5F4DAA

 44368F

 282075

 000B5C

 000044

 00032C

 000117

 B299FF

 B299FF

 9F80FF

 C5B3FF

 8C66FF

 D9CCFF

 784DFF

 ECE6FF

 6533FF

FFFFFF

 5219FF

 3F00FF

Harmonies

Analogous

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



4AADFF



B299FF



EC85D8

Triad

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



B299FF



EA954D



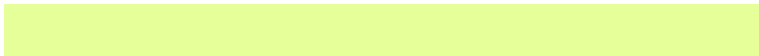
00C2AC

Complementary

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



B299FF



E6FF99

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.



41BE78



B299FF



C0A83C

Square

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



B299FF



FF8374



8CB64E



00C1DF

Rectangle

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



B299FF



FF7CB7



8CB64E



00C19A

Sweetspot

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



B299FF



E8E0FF



99E7FF



726E80



000000



808080

Same Dimension

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



B299FF



A385FF



E499FF



767380



2F00BF



100040

Inverse Universe

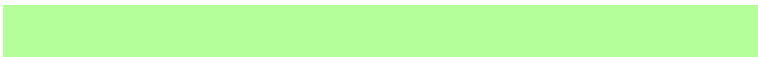
The Inverse Universe completely reimagines the original color for something new.



FF99E6



FF85E1



B4FF99



80737C



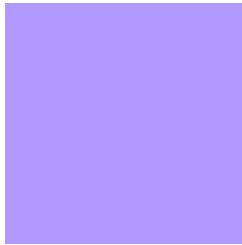
BF0090



400030

Previews

White Background



This preview shows how the Hex color B299FF 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

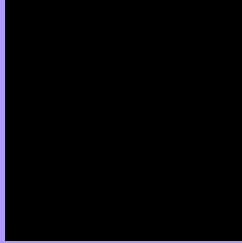
Any Text WCAG AA ✓ Pass

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 B299FF Background



This preview shows how black text looks on a background with the Hex color B299FF.



This preview shows how white text looks on a background with the Hex color B299FF.

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](#).

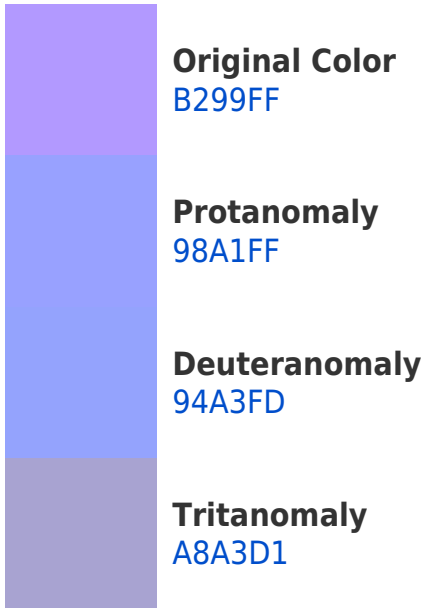
Dichromacy



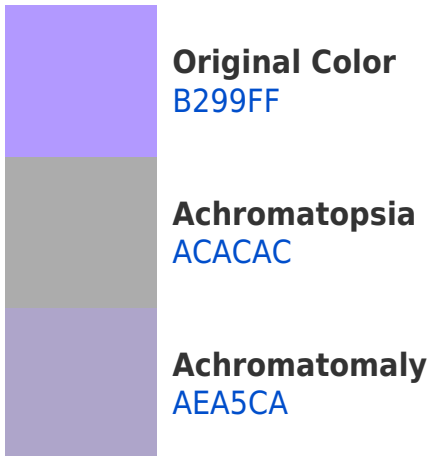


Tritanopia
A3A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B299FF 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 #B299FF looks like.

```
.text, #text, p{  
    color:#B299FF  
}
```

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 #B299FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B299FF
}
```

Border

The CSS property to change the border of an element to Hex B299FF 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
#B299FF }
```

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

```
.border{ border-color:#B299FF }
```

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

Here you see how a box with a 4 pixel #B299FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B299FF; -webkit-box-shadow:4px 4px  
4px 4px #B299FF; box-shadow:4px 4px 4px  
4px #B299FF }
```

Background

The CSS property to change the background color of an element to Hex B299FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B299FF }
```

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

```
.background{ background-color:#B299FF }
```

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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