

Converting Colors

Hex(B291E3)

Have a look what the booklet for
Hex(B291E3) contains.

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Color

Hex(B291E3)

Conversions

Conversions Part 1

Format	Color
Hex	B291E3
RGB	178, 145, 227
RGB Percent	70%, 57%, 89%
CMY	0.3020, 0.4314, 0.1098
CMYK	0.22, 0.36, 0.00, 0.11
HSL	264°, 59%, 73%
HSV	264°, 36%, 89%
XYZ	42.3506, 35.2618, 77.2471
YIQ	164.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

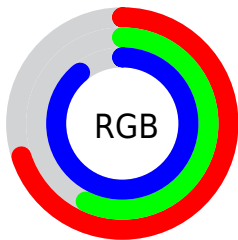
Format	Color
R _Y B	178, 145, 227
Decimal	11702755
CIE Lab	65.95, 28.65, -37.08
CIE LCh	66, 46.861, 307.695
Yxy	35.2618, 0.2735, 0.2277
Android (android.graphics.Color)	4289892835 (0xFFB291E3)
YUV	164.2150, 30.9530, 12.0894
Hunter-Lab	59.3817, 23.3871, -35.5607

Details

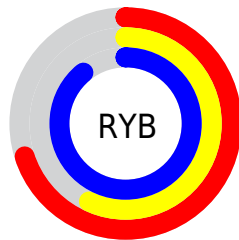
The Hex color **B291E3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C2E391**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EBC7FF**, and **7C5EAB** is the 20% darker color. If you saturate the color by 10%, you get **A47AE3**, and if you desaturate by 10%, it is **C0A8E3**.

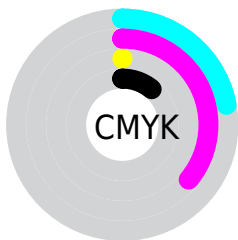
Distribution



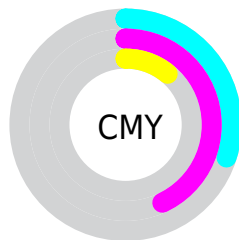
- Red (70%)
- Green (57%)
- Blue (89%)



- Red (70%)
- Yellow (57%)
- Blue (89%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B291E3 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 B291E3 by changing the saturation by 10% instead.

 B291E3

 B291E3

FFFFFF

 9777C7

 EBC7FF

 7C5EAB

 FFE3FF

 624690

 482F76

 2F195D

 150345

 00002E

 000119

 000000

 B291E3

 B291E3

 A47AE3

 C0A8E3

 9764E3

 CDBEE3

 894DE3


 DBD5E3

 7C36E3

 E8ECE3

 6E20E3

 F6FFE3

 6109E3

 FFFFE3

 5B00E3

Harmonies

Analogous

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



6DA1F3



B291E3



DD82C1

Triad

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



B291E3



D39352



00B6AA

Complementary

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



B291E3



C2E391

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.



47B37F



B291E3



AFA14A

Square

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



B291E3



EA846F



82AD5B



00B4D2

Rectangle

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



B291E3



EC7DA5



82AD5B



00B59B

Sweetspot

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



B291E3



EEE3FF



91C2E3



766F80



000000



808080

Same Dimension

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



B291E3



BD91FF



DB91E3



6C6773



4800B3



150033

Inverse Universe

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



E391C2



FF91D3



99E391



73676E



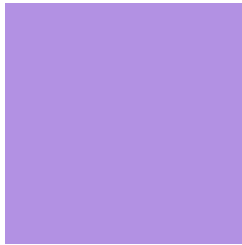
B3006B



33001E

Previews

White Background



This preview shows how the Hex color B291E3 looks on a white background.

Color Contrast Check

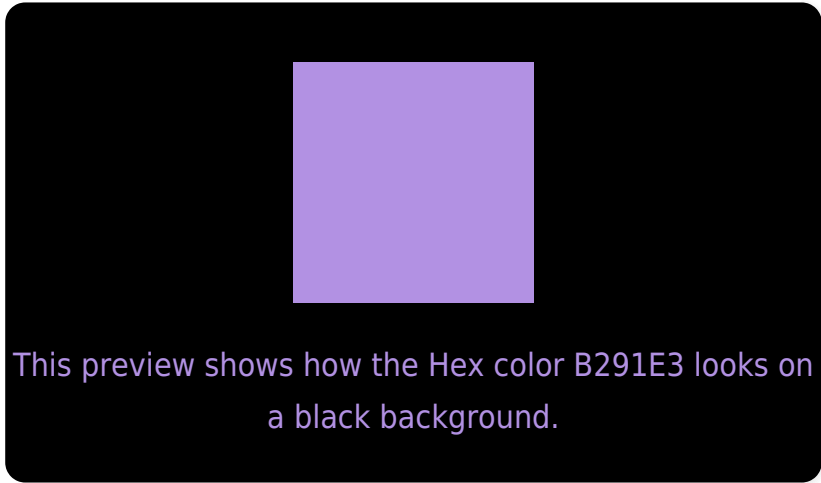
Large Text (above 18pt) WCAG AA × Fail

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

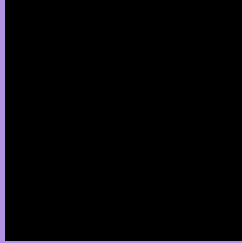
Any Text WCAG AA ✓ Pass

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 B291E3 Background



This preview shows how black text looks on a background with the Hex color B291E3.

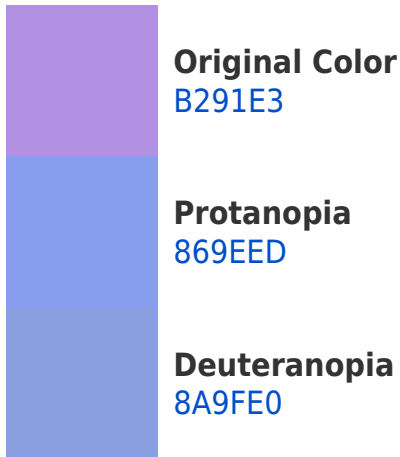


This preview shows how white text looks on a background with the Hex color B291E3.

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](#).

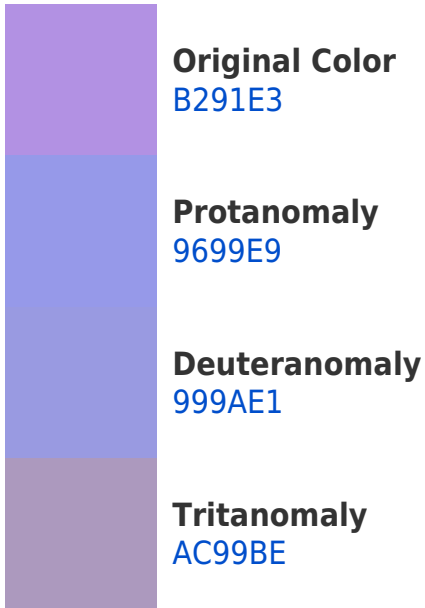
Dichromacy



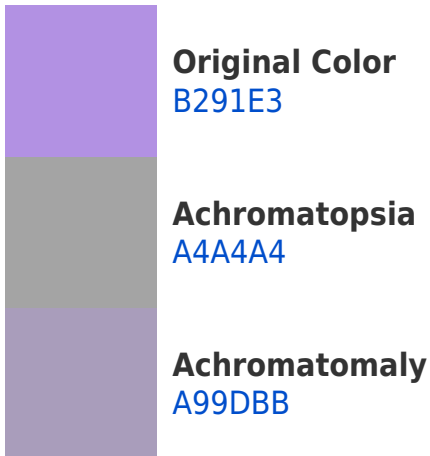


Tritanopia
A89DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B291E3 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 #B291E3 looks like.

```
.text, #text, p{  
    color:#B291E3  
}
```

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 #B291E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B291E3
}
```

Border

The CSS property to change the border of an element to Hex B291E3 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
#B291E3 }
```

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

```
.border{ border-color:#B291E3 }
```

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

Here you see how a box with a 4 pixel #B291E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B291E3; -webkit-box-shadow:4px 4px  
4px 4px #B291E3; box-shadow:4px 4px 4px  
4px #B291E3 }
```

Background

The CSS property to change the background color of an element to Hex B291E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B291E3 }
```

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

```
.background{ background-color:#B291E3 }
```

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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