

Converting Colors

Hex(B271A4)

Have a look what the booklet for
Hex(B271A4) contains.

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Color

Hex(B271A4)

Conversions

Conversions Part 1

Format	Color
Hex	B271A4
RGB	178, 113, 164
RGB Percent	70%, 44%, 64%
CMY	0.3020, 0.5569, 0.3569
CMYK	0.00, 0.37, 0.08, 0.30
HSL	313°, 30%, 57%
HSV	313°, 37%, 70%
XYZ	30.9661, 23.9556, 38.1138
YIQ	138.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

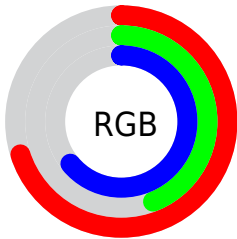
Format	Color
RYB	178, 113, 164
Decimal	11694500
CIELab	56.04, 33.52, -16.74
CIELCh	56, 37.464, 333.461
Yxy	23.9556, 0.3328, 0.2575
Android (android.graphics.Color)	4289884580 (0xFFB271A4)
YUV	138.2490, 12.6952, 34.8616
Hunter-Lab	48.9444, 27.2803, -11.9089

Details

The Hex color **B271A4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71B27F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EBA6DB**, and **7C3F70** is the 20% darker color. If you saturate the color by 10%, you get **B25FA0**, and if you desaturate by 10%, it is **B283A8**.

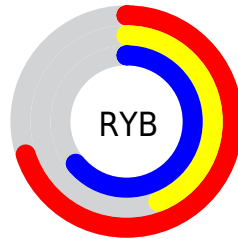
Distribution



Red (70%)

Green (44%)

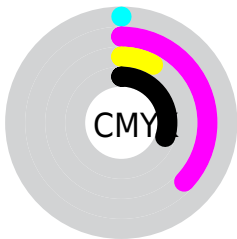
Blue (64%)



Red (70%)

Yellow (44%)

Blue (64%)

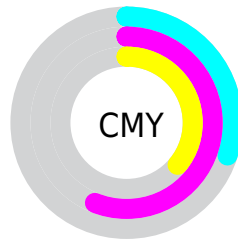


Cyan (0%)

Magenta (37%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B271A4 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 B271A4 by changing the saturation by 10% instead.

 B271A4

 B271A4

FFFFFF

 97588A

 EBA6DB

 7C3F70

 FFC1F8

 622758

 FFDEFF

 490E40

 FFFAFF

 31002A

 190015

 000000

 B271A4

 B271A4

 B25FA0

 B283A8

 B24D9C

 B295AC

 B23C98

 B2A6B0

 B22A95

 B2B8B3

 B21891

 B2CAB7

 B2068D

 B2DCBB

 B2008C

 B2EEBF

 B2FFC3

 B2FFC7

Harmonies

Analogous

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



8E7CBD



B271A4



C36C84

Triad

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



B271A4



978644



0096A9

Complementary

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



B271A4



71B27F

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.



009789



B271A4



758F4E

Square

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



B271A4



B27A4D



4B9568



0091C0

Rectangle

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



B271A4



C46E6E



4B9568



00979F

Sweetspot

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



B271A4



E8CFE3



7E71B2



756672



F5F5F5



757575

Same Dimension

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



B271A4



E882D2



B27185



595057



990078



1A0014

Inverse Universe

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



B271A4



E882D2



71B29F



595057



990078



1A0014

Previews

White Background



This preview shows how the Hex color B271A4 looks on a white background.

Color Contrast Check

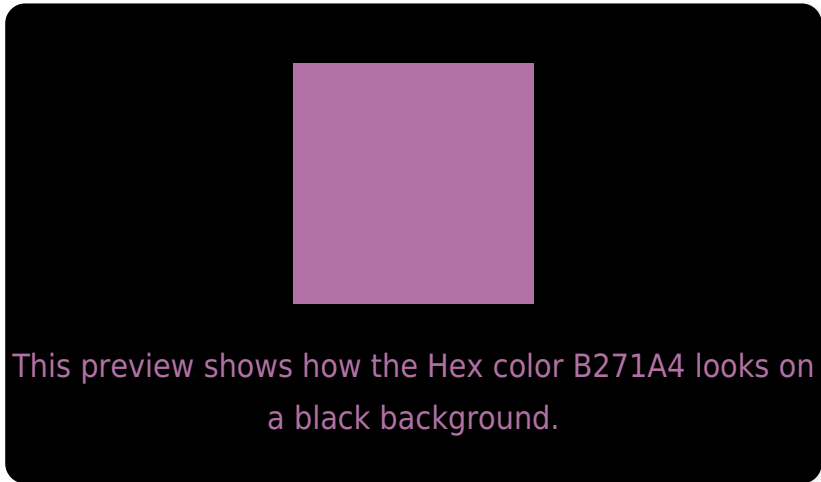
Large Text (above 18pt) WCAG AA ✓ Pass

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

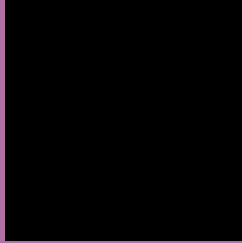
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B271A4 Background



This preview shows how black text looks on a background with the Hex color B271A4.

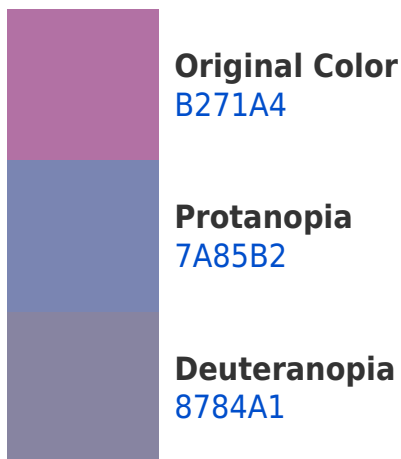


This preview shows how white text looks on a background with the Hex color B271A4.

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](#).

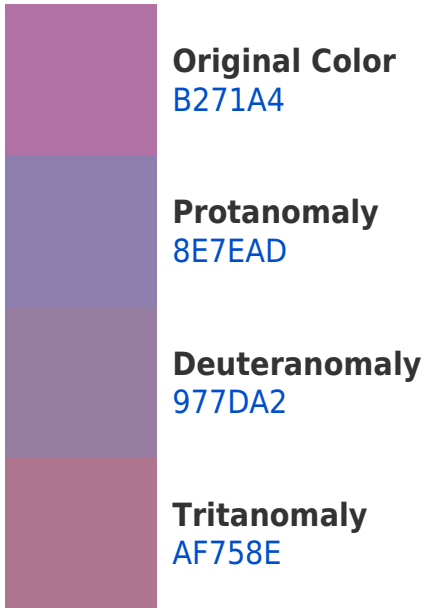
Dichromacy



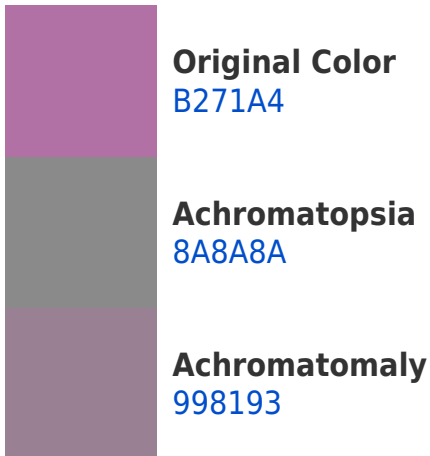


Tritanopia
AE7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B271A4 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 #B271A4 looks like.

```
.text, #text, p{  
    color:#B271A4  
}
```

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 #B271A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B271A4
}
```

Border

The CSS property to change the border of an element to Hex B271A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

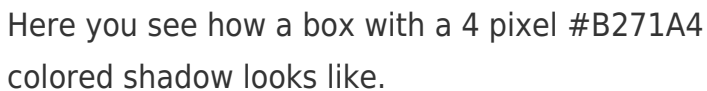
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B271A4 }
```

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

```
.border{ border-color:#B271A4 }
```

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



Here you see how a box with a 4 pixel #B271A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B271A4; -webkit-box-shadow:4px 4px  
4px 4px #B271A4; box-shadow:4px 4px 4px  
4px #B271A4 }
```

Background

The CSS property to change the background color of an element to Hex B271A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B271A4 }
```

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

```
.background{ background-color:#B271A4 }
```

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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