

Converting Colors

Hex(B731A1)

Have a look what the booklet for
Hex(B731A1) contains.

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Color

Hex(B731A1)

Conversions

Conversions Part 1

Format	Color
Hex	B731A1
RGB	183, 49, 161
RGB Percent	72%, 19%, 63%
CMY	0.2824, 0.8078, 0.3686
CMYK	0.00, 0.73, 0.12, 0.28
HSL	310°, 58%, 45%
HSV	310°, 73%, 72%
XYZ	27.0598, 14.8371, 35.1559
YIQ	101.8340, 43.9120, 63.2400

Conversions

Conversions Part 2

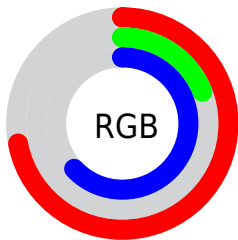
Format	Color
R_{YB}	183, 49, 161
Decimal	12005793
CIE _{Lab}	45.41, 64.23, -31.33
CIE _{LCh}	45, 71.460, 333.999
Yxy	14.8371, 0.3512, 0.1926
Android (android.graphics.Color)	4290195873 (0xFFB731A1)
YUV	101.8340, 29.1688, 71.1826
Hunter-Lab	38.5190, 57.9889, -27.1501

Details

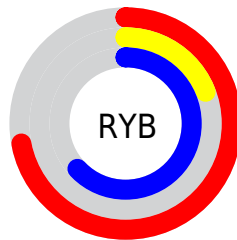
The Hex color **B731A1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31B747**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F26CD8**, and **7E006D** is the 20% darker color. If you saturate the color by 10%, you get **B71F9E**, and if you desaturate by 10%, it is **B743A4**.

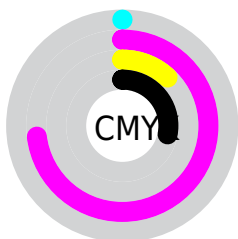
Distribution



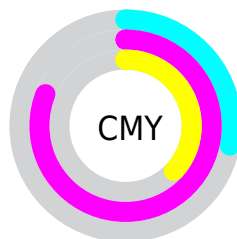
- Red (72%)
- Green (19%)
- Blue (63%)



- Red (72%)
- Yellow (19%)
- Blue (63%)



- Cyan (0%)
- Magenta (73%)
- Yellow (12%)
- Black (28%)



- Cyan (28%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color B731A1 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 B731A1 by changing the saturation by 10% instead.

 B731A1

 B731A1

FFFFFF

 9A0387

 F26CD8

 7E006D

 FF88F5

 620054

 FFA5FF

 47003D

 FFC1FF

 2E0026

 FFDFFF

 00000E

 FFFCFF

 000000

 B731A1

 B731A1

 B71F9E

 B743A4

 B70C9B

 B756A7

 B70099

 B768AA

 B77AAD

 B78CB0

 B79FB3

 B7B1B6

 B7C3B9

 B7D6BC

Harmonies

Analogous

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



7057D0



B731A1



D10F66

Triad

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



B731A1



7C6C00



0084AD

Complementary

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



B731A1



31B747

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.



008572



B731A1



3C7A00

Square

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



B731A1



AB5400



008133



007FD8

Rectangle

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



B731A1



CF223F



008133



00859B

Sweetspot

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



B731A1



EDB9E5



4531B7



785973



F7F7F7



787878

Same Dimension

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



B731A1



ED1CCB



B73160



5C535A



9C0082



1C0017

Inverse Universe

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



B731A1



ED1CCB



31B788



5C535A



9C0082



1C0017

Previews

White Background



This preview shows how the Hex color B731A1 looks on a white background.

Color Contrast Check

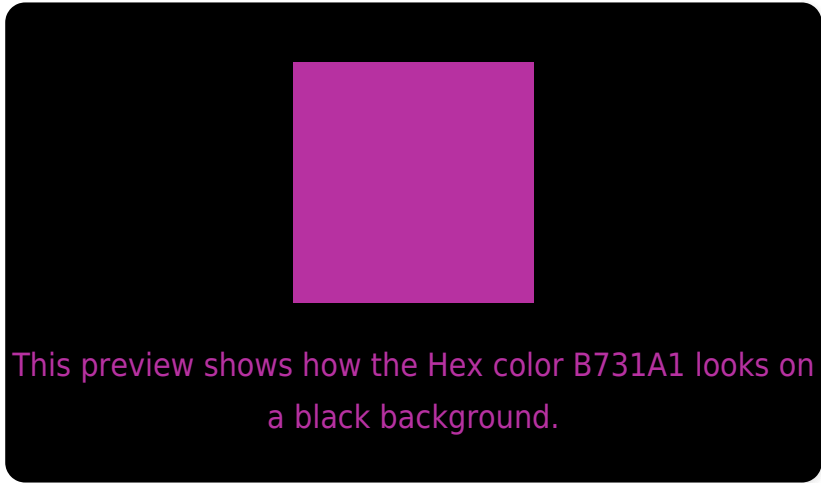
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

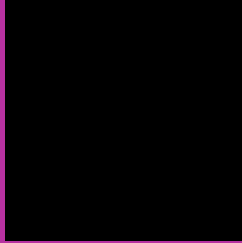
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B731A1 Background



This preview shows how black text looks on a background with the Hex color B731A1.

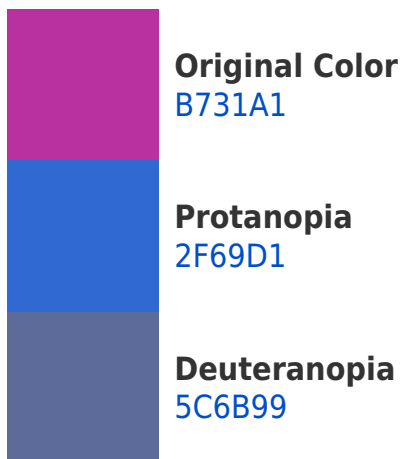


This preview shows how white text looks on a background with the Hex color B731A1.

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
AF4C51

Trichromacy



Original Color
B731A1



Protanomaly
6055C0



Deuteranomaly
7D569C



Tritanomaly
B2426E

Monochromacy



Original Color
B731A1



Achromatopsia
666666



Achromatomaly
83537B

CSS Examples

Text

The CSS property to change the color of the text to Hex B731A1 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 #B731A1 looks like.

```
.text, #text, p{  
    color:#B731A1  
}
```

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 #B731A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B731A1
}
```

Border

The CSS property to change the border of an element to Hex B731A1 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
#B731A1 }
```

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

```
.border{ border-color:#B731A1 }
```

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

Here you see how a box with a 4 pixel #B731A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B731A1; -webkit-box-shadow:4px 4px  
4px 4px #B731A1; box-shadow:4px 4px 4px  
4px #B731A1 }
```

Background

The CSS property to change the background color of an element to Hex B731A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B731A1 }
```

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

```
.background{ background-color:#B731A1 }
```

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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