

Converting Colors

Hex(B4227B)

Have a look what the booklet for
Hex(B4227B) contains.

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Color

Hex(B4227B)

Conversions

Conversions Part 1

Format	Color
Hex	B4227B
RGB	180, 34, 123
RGB Percent	71%, 13%, 48%
CMY	0.2941, 0.8667, 0.5176
CMYK	0.00, 0.81, 0.32, 0.29
HSL	323°, 68%, 42%
HSV	323°, 81%, 71%
XYZ	22.9696, 12.2774, 19.8980
YIQ	87.8000, 58.4470, 58.6310

Conversions

Conversions Part 2

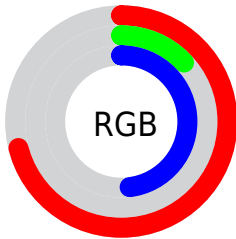
Format	Color
R_{YB}	180, 34, 123
Decimal	11805307
CIE _{Lab}	41.65, 62.93, -14.09
CIE _{LCh}	42, 64.492, 347.378
Yxy	12.2774, 0.4165, 0.2226
Android (android.graphics.Color)	4289995387 (0xFFB4227B)
YUV	87.8000, 17.3536, 80.8594
Hunter-Lab	35.0391, 55.6955, -9.1422

Details

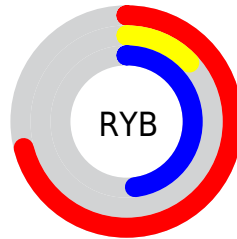
The Hex color **B4227B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **22B45B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F060B0**, and **7A004A** is the 20% darker color. If you saturate the color by 10%, you get **B41074**, and if you desaturate by 10%, it is **B43482**.

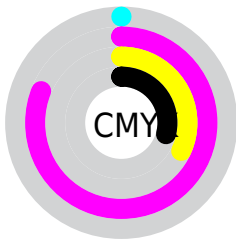
Distribution



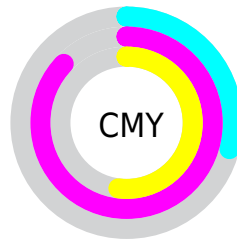
- Red (71%)
- Green (13%)
- Blue (48%)



- Red (71%)
- Yellow (13%)
- Blue (48%)



- Cyan (0%)
- Magenta (81%)
- Yellow (32%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4227B 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 B4227B by changing the saturation by 10% instead.

 B4227B

 B4227B

FFFFFF

 970062

 F060B0

 7A004A

 FF7DCB

 5E0033

 FF99E7

 44001F


 FFB6FF

 280001

 FFD3FF

 000000

 FFF0FF

 B4227B

 B4227B

 B41074

 B43482

 B4006E

 B44689

 B45890

 B46A97

 B47C9E

 B48EA5

 B4A0AC

 B4B2B3

 B4C4BA

Harmonies

Analogous

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



8943AB



B4227B



BD1F46

Triad

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



B4227B



5B6900



0077B0

Complementary

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



B4227B



22B45B

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.



007981



B4227B



00730B

Square

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



B4227B



8A5800



007849



006FCB

Rectangle

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



B4227B



B53324



007849



0078A2

Sweetspot

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



B4227B



EBB2D5



5A22B4



755368



F5F5F5



757575

Same Dimension

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



B4227B



EB0792



B42233



595056



99005D



1A0010

Inverse Universe

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



B4227B



EB0792



22B4A3



595056



99005D



1A0010

Previews

White Background



This preview shows how the Hex color B4227B looks on a white background.

Color Contrast Check

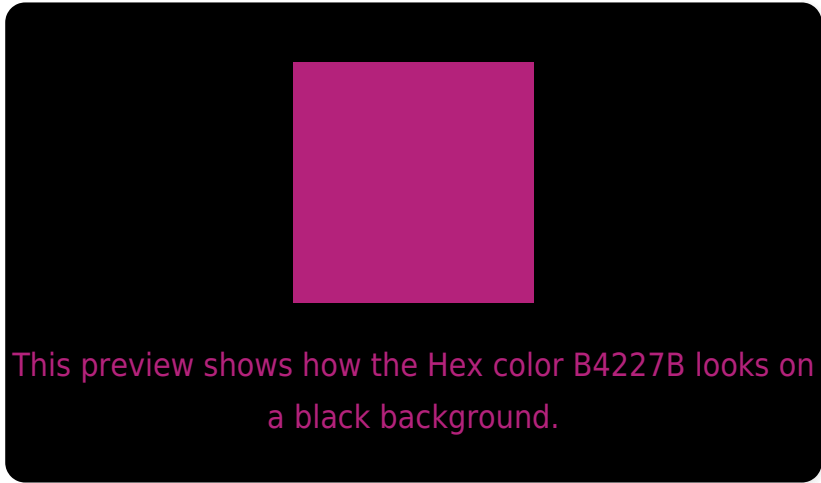
Large Text (above 18pt) WCAG AA ✓ Pass

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

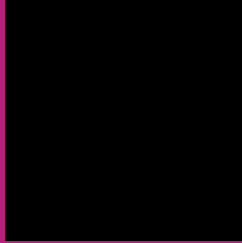
Any Text WCAG AA × Fail

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 B4227B Background



This preview shows how black text looks on a background with the Hex color B4227B.



This preview shows how white text looks on a background with the Hex color B4227B.

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
AF383B

Trichromacy



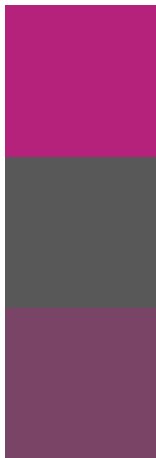
Original Color
B4227B

Protanomaly
6E4A97

Deuteranomaly
824A76

Tritanomaly
B13052

Monochromacy



Original Color
B4227B

Achromatopsia
585858

Achromatomaly
794465

CSS Examples

Text

The CSS property to change the color of the text to Hex B4227B 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 #B4227B looks like.

```
.text, #text, p{  
    color:#B4227B  
}
```

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 #B4227B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4227B
}
```

Border

The CSS property to change the border of an element to Hex B4227B is called "border". The border property can be set on classes, ids or directly on the HTML element.

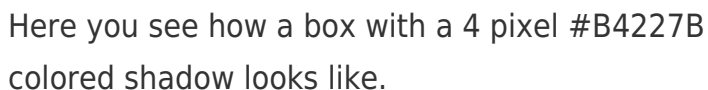
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4227B }
```

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

```
.border{ border-color:#B4227B }
```

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



Here you see how a box with a 4 pixel #B4227B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4227B; -webkit-box-shadow:4px 4px  
4px 4px #B4227B; box-shadow:4px 4px 4px  
4px #B4227B }
```

Background

The CSS property to change the background color of an element to Hex B4227B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4227B }
```

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

```
.background{ background-color:#B4227B }
```

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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