

Converting Colors

Hex(B4226E)

Have a look what the booklet for
Hex(B4226E) contains.

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Color

Hex(B4226E)

Conversions

Conversions Part 1

Format	Color
Hex	B4226E
RGB	180, 34, 110
RGB Percent	71%, 13%, 43%
CMY	0.2941, 0.8667, 0.5686
CMYK	0.00, 0.81, 0.39, 0.29
HSL	329°, 68%, 42%
HSV	329°, 81%, 71%
XYZ	22.2089, 11.9731, 15.8924
YIQ	86.3180, 62.6200, 54.5880

Conversions

Conversions Part 2

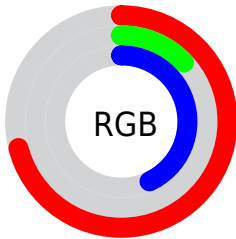
Format	Color
R_{YB}	180, 34, 110
Decimal	11805294
CIE _{Lab}	41.17, 61.53, -6.73
CIE _{LCh}	41, 61.893, 353.760
Yxy	11.9731, 0.4435, 0.2391
Android (android.graphics.Color)	4289995374 (0xFFB4226E)
YUV	86.3180, 11.6752, 82.1591
Hunter-Lab	34.6022, 54.0135, -3.0096

Details

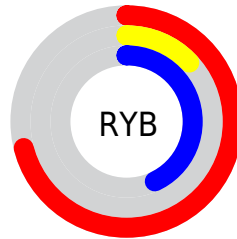
The Hex color **B4226E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **22B468**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F060A1**, and **7A003F** is the 20% darker color. If you saturate the color by 10%, you get **B41065**, and if you desaturate by 10%, it is **B43477**.

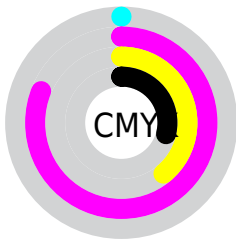
Distribution



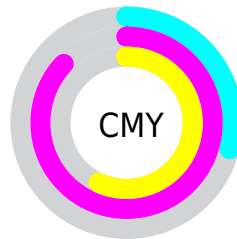
- Red (71%)
- Green (13%)
- Blue (43%)



- Red (71%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4226E 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 B4226E by changing the saturation by 10% instead.

 B4226E

 B4226E

FFFFFF

 970056

 F060A1

 7A003F

 FF7CBC

 5D0029

 FF98D8

 430015


 FFB5F5

 250001

 FFD2FF

 000000

 FFF0FF

 B4226E

 B4226E

 B41065

 B43477

 B4005E

 B4467F

 B45888

 B46A91

 B47C99

 B48EA2

 B4A0AA

 B4B2B3

 B4C4BC

Harmonies

Analogous

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



933D9E



B4226E



B7293C

Triad

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



B4226E



4F6A00



0074B3

Complementary

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



B4226E



22B468

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.



007789



B4226E



00731E

Square

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



B4226E



7F5B00



007654



006BC7

Rectangle

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



B4226E



AC3B1B



007654



0076A7

Sweetspot

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



B4226E



EBB2D0



6622B4



755365



F5F5F5



757575

Same Dimension

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



B4226E



EB077D



B42227



595055



990050



1A000D

Inverse Universe

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



B4226E



EB077D



22B4AF



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color B4226E looks on a white background.

Color Contrast Check

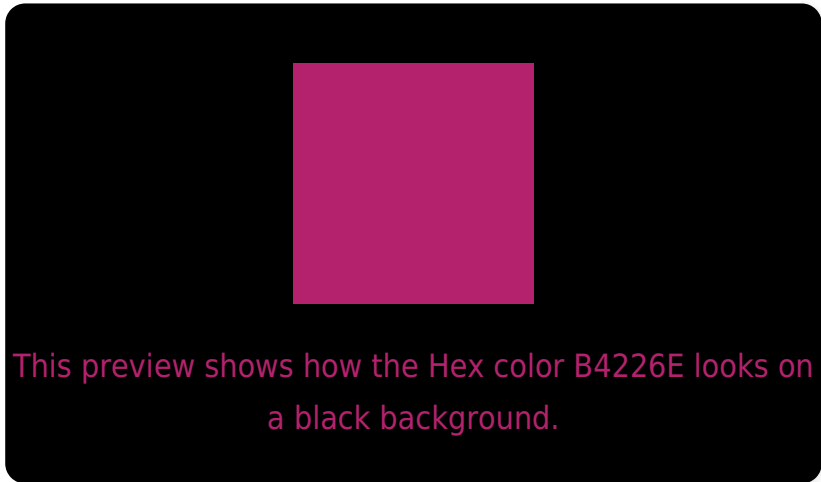
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4226E Background



This preview shows how black text looks on a background with the Hex color B4226E.



This preview shows how white text looks on a background with the Hex color B4226E.

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



Trichromacy



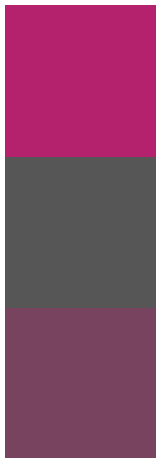
Original Color
B4226E

Protanomaly
744A87

Deuteranomaly
85496A

Tritanomaly
B22D4B

Monochromacy



Original Color
B4226E

Achromatopsia
565656

Achromatomaly
78435F

CSS Examples

Text

The CSS property to change the color of the text to Hex B4226E 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 #B4226E looks like.

```
.text, #text, p{  
    color:#B4226E  
}
```

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 #B4226E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4226E
}
```

Border

The CSS property to change the border of an element to Hex B4226E is called "border". The border property can be set on classes, ids or directly on the HTML element.

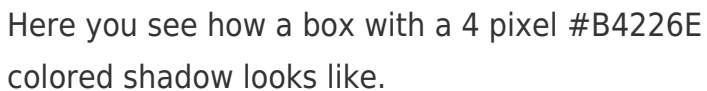
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4226E }
```

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

```
.border{ border-color:#B4226E }
```

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



Here you see how a box with a 4 pixel #B4226E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4226E; -webkit-box-shadow:4px 4px  
4px 4px #B4226E; box-shadow:4px 4px 4px  
4px #B4226E }
```

Background

The CSS property to change the background color of an element to Hex B4226E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4226E }
```

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

```
.background{ background-color:#B4226E }
```

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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