

# Converting Colors

Hex(B2246D)

Have a look what the booklet for  
Hex(B2246D) contains.

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# Color

**Hex(B2246D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2246D
RGB	178, 36, 109
RGB Percent	70%, 14%, 43%
CMY	0.3020, 0.8588, 0.5725
CMYK	0.00, 0.80, 0.39, 0.30
HSL	329°, 66%, 42%
HSV	329°, 80%, 70%
XYZ	21.7513, 11.8309, 15.6052
YIQ	86.7800, 61.1990, 52.8070

# Conversions

## Conversions Part 2

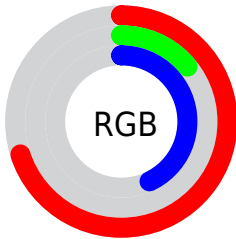
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 36, 109
Decimal	11674733
CIELab	40.95, 60.38, -6.48
CIELCh	41, 60.724, 353.873
Yxy	11.8309, 0.4422, 0.2405
Android (android.graphics.Color)	4289864813 (0xFFB2246D)
YUV	86.7800, 10.9545, 79.9999
Hunter-Lab	34.3960, 52.6865, -2.8221

# Details

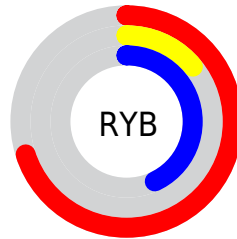
The Hex color **B2246D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24B269**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EE61A0**, and **78003E** is the 20% darker color. If you saturate the color by 10%, you get **B21264**, and if you desaturate by 10%, it is **B23676**.

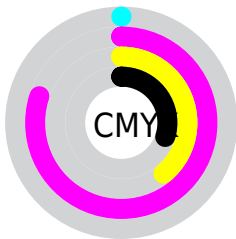
# Distribution



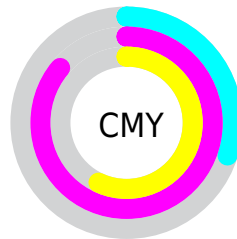
- Red (70%)
- Green (14%)
- Blue (43%)



- Red (70%)
- Yellow (14%)
- Blue (43%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (30%)



- Cyan (30%)
- Magenta (86%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2246D 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 B2246D by changing the saturation by 10% instead.



 B2246D

 B2246D

FFFFFF

 950055

 EE61A0

 78003E

 FF7DBB

 5C0028

 FF99D7

 420014

 FFB6F4

 230001

 FFD3FF

 000000

 FFF0FF

 B2246D

 B2246D

 B21264

 B23676

 B2005C

 B2487E

 B25987

 B26B90

 B27D98

 B28FA1

 B2A1AA

 B2B2B2

 B2C4BB

# Harmonies

## Analogous

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



913D9C



B2246D



B52A3C

# Triad

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



B2246D



4F6A00



0073B1

# Complementary

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



B2246D



24B269

# 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.



007688



B2246D



00721F

# Square

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



B2246D



7E5B00



007654



006AC4

# Rectangle

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



B2246D



AA3C1C



007654



0075A5



# Sweetspot

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



B2246D



E8B0CD



6924B2



755365



F5F5F5



757575



# Same Dimension

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



B2246D



E8097C



B22426



595055



99004F



1A000D



# Inverse Universe

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



B2246D



E8097C



24B2B0



595055



99004F



1A000D



# Previews

## White Background



This preview shows how the Hex color B2246D looks on a white background.

## Color Contrast Check

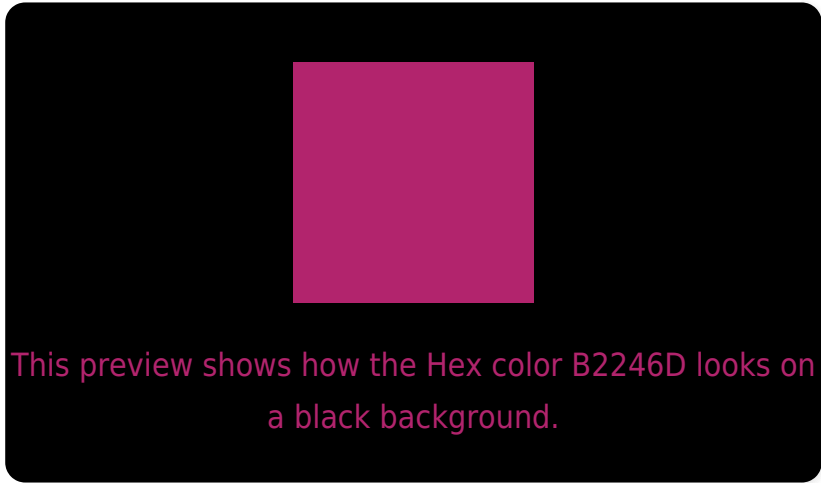
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2246D Background



This preview shows how black text looks on a background with the Hex color B2246D.



This preview shows how white text looks on a background with the Hex color B2246D.

# 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



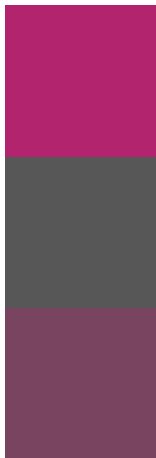
**Original Color**  
B2246D

**Protanomaly**  
744A86

**Deuteranomaly**  
844A69

**Tritanomaly**  
B02F4B

# Monochromacy



**Original Color**  
B2246D

**Achromatopsia**  
575757

**Achromatomaly**  
78445F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2246D 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 #B2246D looks like.

```
.text, #text, p{  
    color:#B2246D  
}
```

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 #B2246D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2246D
}
```

## Border

The CSS property to change the border of an element to Hex B2246D is called "border". The border property can be set on classes, ids or directly on the HTML element.

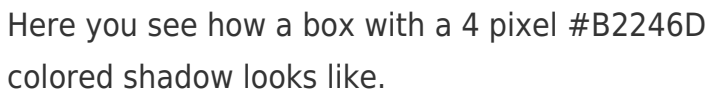
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2246D }
```

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

```
.border{ border-color:#B2246D }
```

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



Here you see how a box with a 4 pixel #B2246D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2246D; -webkit-box-shadow:4px 4px  
4px 4px #B2246D; box-shadow:4px 4px 4px  
4px #B2246D }
```

# Background

The CSS property to change the background color of an element to Hex B2246D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2246D }
```

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

```
.background{ background-color:#B2246D }
```

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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