

# Converting Colors

Hex(B23D78)

Have a look what the booklet for  
Hex(B23D78) contains.

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**Color**

**Hex(B23D78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B23D78
RGB	178, 61, 120
RGB Percent	70%, 24%, 47%
CMY	0.3020, 0.7608, 0.5294
CMYK	0.00, 0.66, 0.33, 0.30
HSL	330°, 49%, 47%
HSV	330°, 66%, 70%
XYZ	23.4190, 14.1585, 19.2679
YIQ	102.7090, 50.7930, 43.1530

# Conversions

## Conversions Part 2

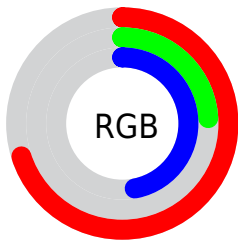
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 61, 120
Decimal	11681144
CIELab	44.46, 52.86, -8.04
CIELCh	44, 53.466, 351.347
Yxy	14.1585, 0.4120, 0.2491
Android (android.graphics.Color)	4289871224 (0xFFB23D78)
YUV	102.7090, 8.5245, 66.0302
Hunter-Lab	37.6278, 45.2471, -4.0208

# Details

The Hex color **B23D78** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3DB277**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **ED74AC**, and **790048** is the 20% darker color. If you saturate the color by 10%, you get **B22B6F**, and if you desaturate by 10%, it is **B24F81**.

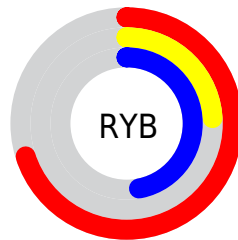
# Distribution



Red (70%)

Green (24%)

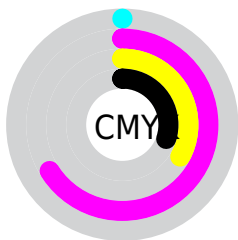
Blue (47%)



Red (70%)

Yellow (24%)

Blue (47%)

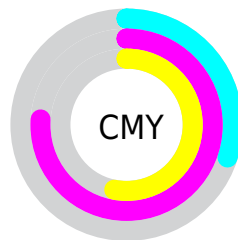


Cyan (0%)

Magenta (66%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B23D78 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 B23D78 by changing the saturation by 10% instead.



 B23D78

 B23D78

FFFFFF

 951F5F

 ED74AC

 790048

 FF8FC8

 5E0031

 FFABE4

 43001C

 FFC7FF

 2A0001

 FFE4FF

 000000

 B23D78

 B23D78

 B22B6F

 B24F81

 B21966

 B2618A

 B2085E

 B27292

 B2005A

 B2849B

 B296A4

 B2A8AD

 B2BAB6

 B2CBBF

 B2DDC7

# Harmonies

## Analogous

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



924EA1



B23D78



B83E4C

# Triad

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



B23D78



607001



007BAE

# Complementary

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



B23D78



3DB277

# 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.



007E88



B23D78



23792D

# Square

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



B23D78



896300



007D5A



0072C1

# Rectangle

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



B23D78



AF4930



007D5A



007CA3



# Sweetspot

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



B23D78



E8BAD1



763DB2



755967



F5F5F5



757575



# Same Dimension

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



B23D78



E8318D



B23D3F



595055



99004D



1A000D



# Inverse Universe

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



B23D78



E8318D



3DB2B0



595055



99004D



1A000D



# Previews

## White Background



This preview shows how the Hex color B23D78 looks on a white background.

## Color Contrast Check

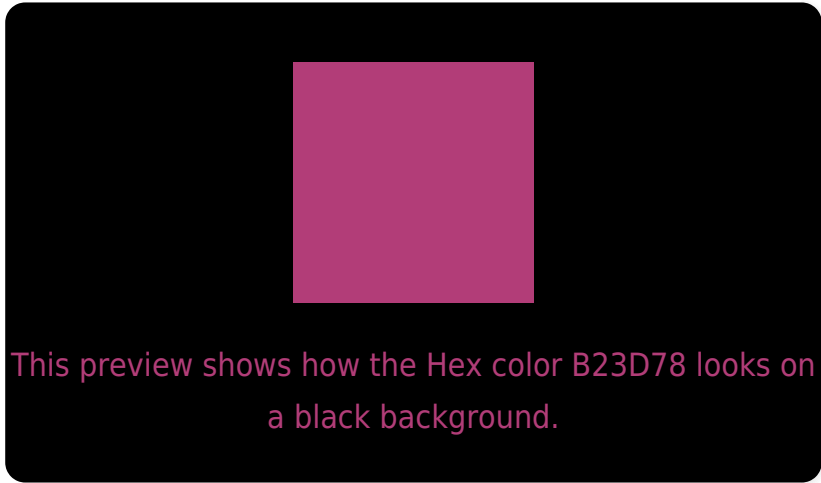
Large Text (above 18pt) WCAG AA ✓ Pass

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

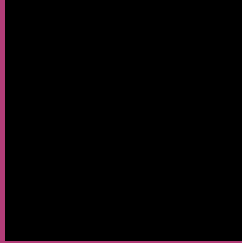
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B23D78 Background



This preview shows how black text looks on a background with the Hex color B23D78.




This preview shows how white text looks on a background with the Hex color B23D78.

# 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**  
AF484C

# Trichromacy



**Original Color**  
B23D78



**Protanomaly**  
7B588B



**Deuteranomaly**  
885874

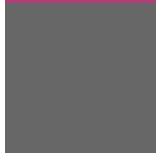


**Tritanomaly**  
B0445C

# Monochromacy



**Original Color**  
B23D78



**Achromatopsia**  
676767



**Achromatomaly**  
82586D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B23D78 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 #B23D78 looks like.

```
.text, #text, p{  
    color:#B23D78  
}
```

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 #B23D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23D78
}
```

## Border

The CSS property to change the border of an element to Hex B23D78 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
#B23D78 }
```

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

```
.border{ border-color:#B23D78 }
```

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

Here you see how a box with a 4 pixel #B23D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23D78; -webkit-box-shadow:4px 4px  
4px 4px #B23D78; box-shadow:4px 4px 4px  
4px #B23D78 }
```

# Background

The CSS property to change the background color of an element to Hex B23D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23D78 }
```

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

```
.background{ background-color:#B23D78 }
```

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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