

Converting Colors

Hex(B23C77)

Have a look what the booklet for
Hex(B23C77) contains.

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Color

Hex(B23C77)

Conversions

Conversions Part 1

Format	Color
Hex	B23C77
RGB	178, 60, 119
RGB Percent	70%, 24%, 47%
CMY	0.3020, 0.7647, 0.5333
CMYK	0.00, 0.66, 0.33, 0.30
HSL	330°, 50%, 47%
HSV	330°, 66%, 70%
XYZ	23.3057, 14.0286, 18.9322
YIQ	102.0080, 51.3890, 43.3650

Conversions

Conversions Part 2

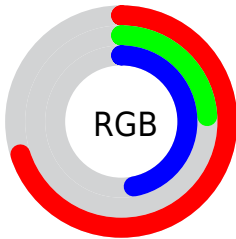
Format	Color
R_{YB}	178, 60, 119
Decimal	11680887
CIE _{Lab}	44.27, 53.15, -7.71
CIE _{LCh}	44, 53.707, 351.748
Yxy	14.0286, 0.4142, 0.2493
Android (android.graphics.Color)	4289870967 (0xFFB23C77)
YUV	102.0080, 8.3771, 66.6450
Hunter-Lab	37.4548, 45.5234, -3.7509

Details

The Hex color **B23C77** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3CB277**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **ED73AB**, and **790047** is the 20% darker color. If you saturate the color by 10%, you get **B22A6E**, and if you desaturate by 10%, it is **B24E80**.

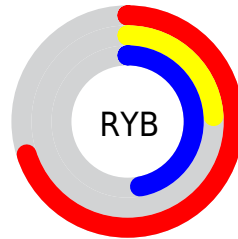
Distribution



Red (70%)

Green (24%)

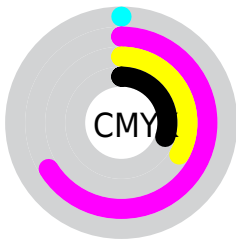
Blue (47%)



Red (70%)

Yellow (24%)

Blue (47%)

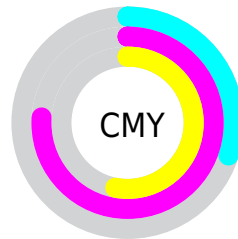


Cyan (0%)

Magenta (66%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23C77 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 B23C77 by changing the saturation by 10% instead.

 B23C77

 B23C77

FFFFFF

 951E5E

 ED73AB

 790047

 FF8EC6

 5D0030

 FFAAE2

 43001C

 FFC6FF

 290001

 FFE3FF

 000000

 B23C77

 B23C77

 B22A6E

 B24E80

 B21865

 B26089

 B2075C

 B27192

 B20059

 B2839B

 B295A3

 B2A7AC

 B2B9B5

 B2CABE

 B2DCC7

Harmonies

Analogous

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



924DA1



B23C77



B73E4A

Triad

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



B23C77



5F7000



007AAE

Complementary

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



B23C77



3CB277

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.



007D89



B23C77



20782D

Square

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



B23C77



886200



007C5A



0072C1

Rectangle

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



B23C77



AF492F



007C5A



007CA3

Sweetspot

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



B23C77



E8BAD1



773CB2



755967



F5F5F5



757575

Same Dimension

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



B23C77



E82E8B



B23C3C



595055



99004D



1A000D

Inverse Universe

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



B23C77



E82E8B



3CB2B2



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color B23C77 looks on a white background.

Color Contrast Check

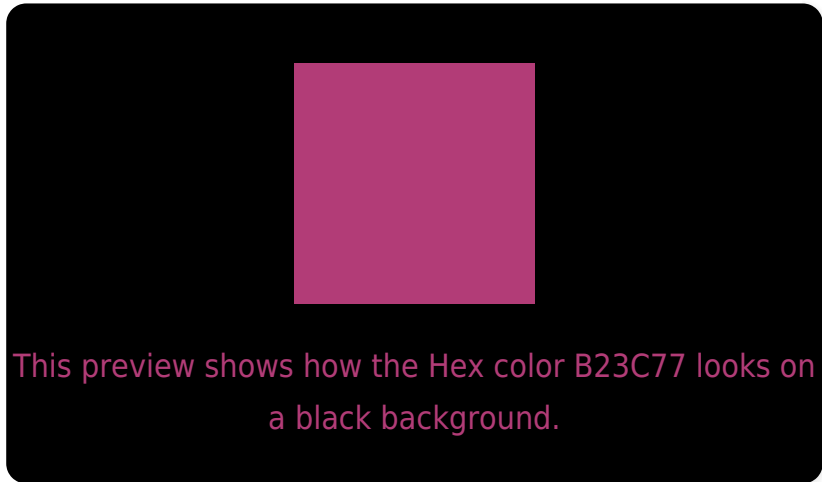
Large Text (above 18pt) WCAG AA ✓ Pass

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 B23C77 Background



This preview shows how black text looks on a background with the Hex color B23C77.



This preview shows how white text looks on a background with the Hex color B23C77.

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](#).

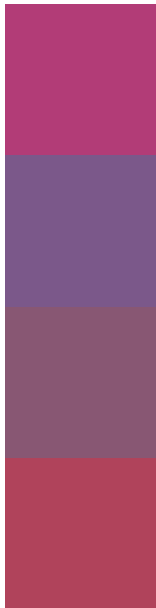
Dichromacy





Tritanopia
AF474B

Trichromacy



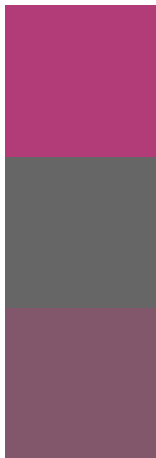
Original Color
B23C77

Protanomaly
7B588A

Deuteranomaly
885773

Tritanomaly
B0435B

Monochromacy



Original Color
B23C77

Achromatopsia
666666

Achromatomaly
82576C

CSS Examples

Text

The CSS property to change the color of the text to Hex B23C77 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 #B23C77 looks like.

```
.text, #text, p{  
    color:#B23C77  
}
```

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 #B23C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23C77
}
```

Border

The CSS property to change the border of an element to Hex B23C77 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
#B23C77 }
```

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

```
.border{ border-color:#B23C77 }
```

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

Here you see how a box with a 4 pixel #B23C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23C77; -webkit-box-shadow:4px 4px  
4px 4px #B23C77; box-shadow:4px 4px 4px  
4px #B23C77 }
```

Background

The CSS property to change the background color of an element to Hex B23C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23C77 }
```

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

```
.background{ background-color:#B23C77 }
```

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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