

Converting Colors

Hex(B13A73)

Have a look what the booklet for
Hex(B13A73) contains.

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Color

Hex(B13A73)

Conversions

Conversions Part 1

Format	Color
Hex	B13A73
RGB	177, 58, 115
RGB Percent	69%, 23%, 45%
CMY	0.3059, 0.7725, 0.5490
CMYK	0.00, 0.67, 0.35, 0.31
HSL	331°, 51%, 46%
HSV	331°, 67%, 69%
XYZ	22.7390, 13.6110, 17.6484
YIQ	100.0790, 52.6270, 42.9550

Conversions

Conversions Part 2

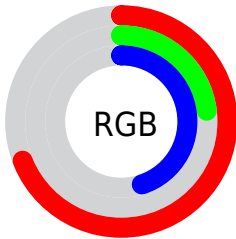
Format	Color
R _Y B	177, 58, 115
Decimal	11614835
CIE Lab	43.67, 53.20, -6.17
CIE LCh	44, 53.554, 353.387
Yxy	13.6110, 0.4211, 0.2521
Android (android.graphics.Color)	4289804915 (0xFFB13A73)
YUV	100.0790, 7.3561, 67.4597
Hunter-Lab	36.8931, 45.4553, -2.5370

Details

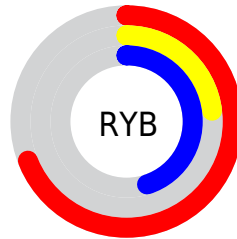
The Hex color **B13A73** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AB178**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **EC71A7**, and **780043** is the 20% darker color. If you saturate the color by 10%, you get **B1286A**, and if you desaturate by 10%, it is **B14C7C**.

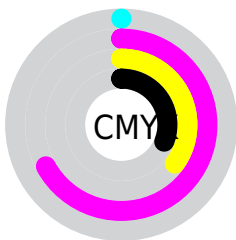
Distribution



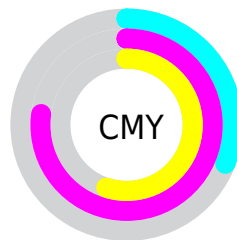
- Red (69%)
- Green (23%)
- Blue (45%)



- Red (69%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (35%)
- Black (31%)



- Cyan (31%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13A73 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 B13A73 by changing the saturation by 10% instead.

 B13A73

 B13A73

FFFFFF

 941B5A

 EC71A7

 780043

 FF8CC2

 5C002D

 FFA8DE

 420019

 FFC5FA

 270001

 FFE1FF

 000000

 B13A73

 B13A73

 B1286A

 B14C7C

 B11761

 B15D85

 B10557

 B16F8F

 B10055

 B18198

 B193A1

 B1A4AA

 B1B6B4

 B1C8BD

 B1D9C6

Harmonies

Analogous

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



934B9D



B13A73



B53D47

Triad

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



B13A73



5B6F00



0078AE

Complementary

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



B13A73



3AB178

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.



007B89



B13A73



17772E

Square

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



B13A73



846200



007B5C



006FC0

Rectangle

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



B13A73



AC482C



007B5C



007AA3

Sweetspot

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



B13A73



E6B8CE



773AB1



735764



F2F2F2



737373

Same Dimension

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



B13A73



E62C85



B13C3A



595055



990049



1A000C

Inverse Universe

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



B13A73



E62C85



3AAFB1



595055



990049



1A000C

Previews

White Background



This preview shows how the Hex color B13A73 looks on a white background.

Color Contrast Check

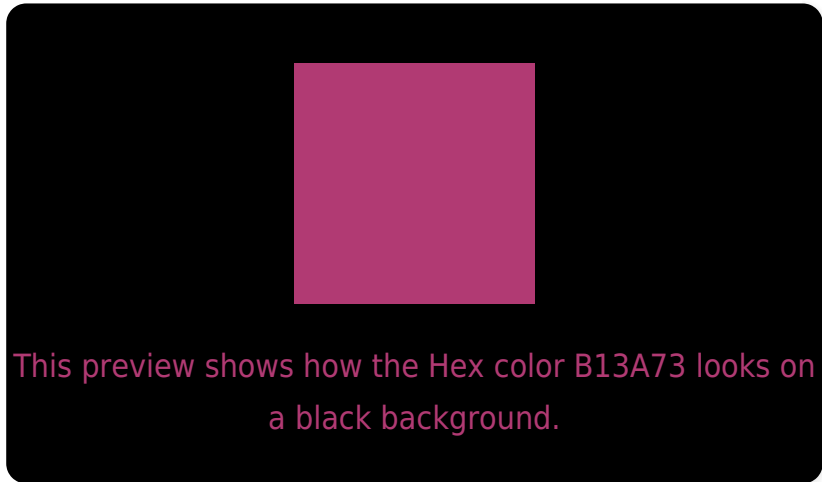
Large Text (above 18pt) WCAG AA ✓ Pass

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 B13A73 Background



This preview shows how black text looks on a background with the Hex color B13A73.

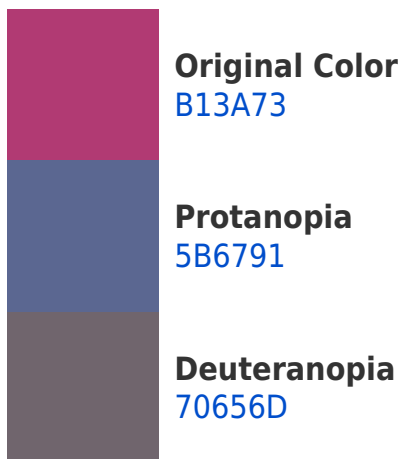


This preview shows how white text looks on a background with the Hex color B13A73.

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
AE4449

Trichromacy



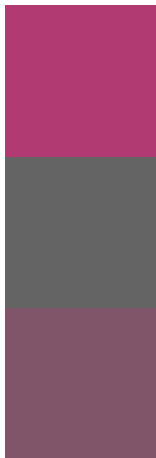
Original Color
B13A73

Protanomaly
7A5786

Deuteranomaly
88556F

Tritanomaly
AF4058

Monochromacy



Original Color
B13A73

Achromatopsia
646464

Achromatomaly
805569

CSS Examples

Text

The CSS property to change the color of the text to Hex B13A73 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 #B13A73 looks like.

```
.text, #text, p{  
  color:#B13A73  
}
```

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 #B13A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13A73
}
```

Border

The CSS property to change the border of an element to Hex B13A73 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
#B13A73 }
```

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

```
.border{ border-color:#B13A73 }
```

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

Here you see how a box with a 4 pixel #B13A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13A73; -webkit-box-shadow:4px 4px  
4px 4px #B13A73; box-shadow:4px 4px 4px  
4px #B13A73 }
```

Background

The CSS property to change the background color of an element to Hex B13A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13A73 }
```

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

```
.background{ background-color:#B13A73 }
```

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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