

Converting Colors

Hex(B24C71)

Have a look what the booklet for
Hex(B24C71) contains.

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Color

Hex(B24C71)

Conversions

Conversions Part 1

Format	Color
Hex	B24C71
RGB	178, 76, 113
RGB Percent	70%, 30%, 44%
CMY	0.3020, 0.7020, 0.5569
CMYK	0.00, 0.57, 0.37, 0.30
HSL	338°, 40%, 50%
HSV	338°, 57%, 70%
XYZ	23.9252, 15.8261, 17.4165
YIQ	110.7160, 48.9150, 33.1310

Conversions

Conversions Part 2

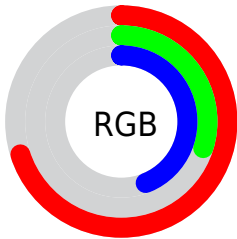
Format	Color
R_{YB}	178, 76, 113
Decimal	11684977
CIE _{Lab}	46.75, 45.25, -0.38
CIE _{LCh}	47, 45.248, 359.513
Yxy	15.8261, 0.4185, 0.2768
Android (android.graphics.Color)	4289875057 (0xFFB24C71)
YUV	110.7160, 1.1260, 59.0081
Hunter-Lab	39.7820, 37.7324, 1.8903

Details

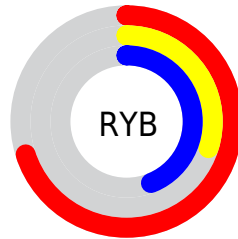
The Hex color **B24C71** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4CB28D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ED81A5**, and **7A1441** is the 20% darker color. If you saturate the color by 10%, you get **B23A66**, and if you desaturate by 10%, it is **B25E7C**.

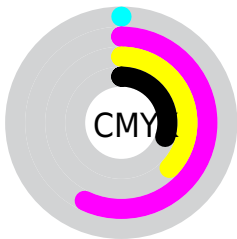
Distribution



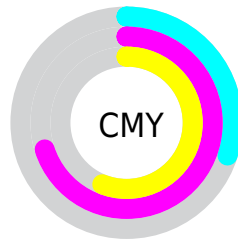
- Red (70%)
- Green (30%)
- Blue (44%)



- Red (70%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24C71 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 B24C71 by changing the saturation by 10% instead.

 B24C71

 B24C71

FFFFFF

 963259

 ED81A5

 7A1441

 FF9CC0

 5E002B

 FFB8DC

 430017

 FFD4F8

 2C0001

 FFF1FF

 000000

 B24C71

 B24C71

 B23A66

 B25E7C

 B2285A

 B27088

 B2174F

 B28193

 B20544

 B2939E

 B20041

 B2A5AA

 B2B7B5

 B2C9C0

 B2DACC

 B2ECD7

Harmonies

Analogous

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



9C5596



B24C71



B2514C

Triad

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



B24C71



5E7728



007CB0

Complementary

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



B24C71



4CB28D

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.



008193



B24C71



277E46

Square

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



B24C71



846D1D



00816D



0073BB

Rectangle

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



B24C71



A85936



00816D



007EA8

Sweetspot

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



B24C71



E8C1CF



8D4CB2



755E66



F5F5F5



757575

Same Dimension

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



B24C71



E84882



B25A4C



595054



990038



1A0009

Inverse Universe

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



B24C71



E84882



4CA4B2



595054



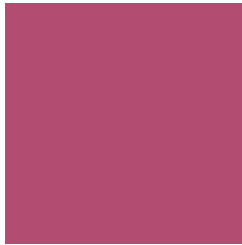
990038



1A0009

Previews

White Background



This preview shows how the Hex color B24C71 looks on a white background.

Color Contrast Check

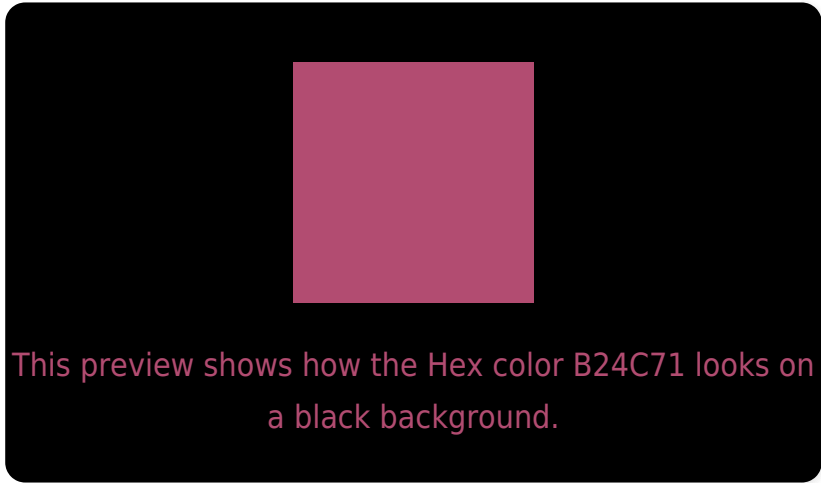
Large Text (above 18pt) WCAG AA ✓ Pass

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

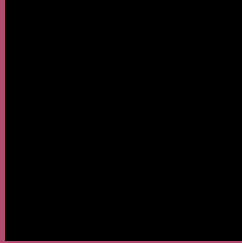
Any Text WCAG AA × Fail

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 B24C71 Background



This preview shows how black text looks on a background with the Hex color B24C71.



This preview shows how white text looks on a background with the Hex color B24C71.

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
B05157

Trichromacy



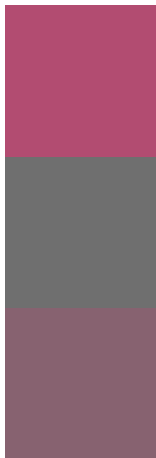
Original Color
B24C71

Protanomaly
84627E

Deuteranomaly
8F606E

Tritanomaly
B14F60

Monochromacy



Original Color
B24C71

Achromatopsia
6F6F6F

Achromatomaly
876270

CSS Examples

Text

The CSS property to change the color of the text to Hex B24C71 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 #B24C71 looks like.

```
.text, #text, p{  
    color:#B24C71  
}
```

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 #B24C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24C71
}
```

Border

The CSS property to change the border of an element to Hex B24C71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

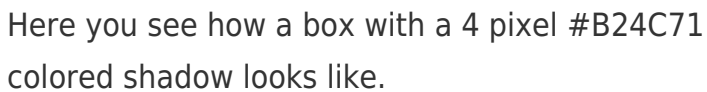
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B24C71 }
```

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

```
.border{ border-color:#B24C71 }
```

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



Here you see how a box with a 4 pixel #B24C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24C71; -webkit-box-shadow:4px 4px  
4px 4px #B24C71; box-shadow:4px 4px 4px  
4px #B24C71 }
```

Background

The CSS property to change the background color of an element to Hex B24C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24C71 }
```

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

```
.background{ background-color:#B24C71 }
```

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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