

# Converting Colors

Hex(B24B6E)

Have a look what the booklet for  
Hex(B24B6E) contains.

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# Color

**Hex(B24B6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B24B6E
RGB	178, 75, 110
RGB Percent	70%, 29%, 43%
CMY	0.3020, 0.7059, 0.5686
CMYK	0.00, 0.58, 0.38, 0.30
HSL	340°, 41%, 50%
HSV	340°, 58%, 70%
XYZ	23.6906, 15.6229, 16.5187
YIQ	109.7870, 50.1530, 32.7210

# Conversions

## Conversions Part 2

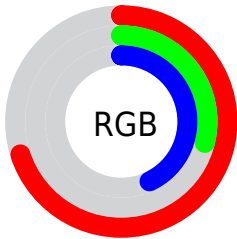
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 75, 110
Decimal	11684718
CIE <sub>Lab</sub>	46.48, 45.37, 1.05
CIE <sub>LCh</sub>	46, 45.385, 1.324
Yxy	15.6229, 0.4243, 0.2798
Android (android.graphics.Color)	4289874798 (0xFFB24B6E)
YUV	109.7870, 0.1050, 59.8228
Hunter-Lab	39.5258, 37.8175, 2.8895

# Details

The Hex color **B24B6E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4BB28F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **ED80A1**, and **79133F** is the 20% darker color. If you saturate the color by 10%, you get **B23962**, and if you desaturate by 10%, it is **B25D7A**.

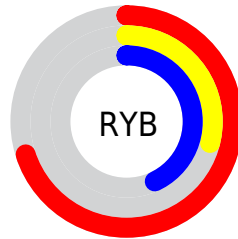
# Distribution



Red (70%)

Green (29%)

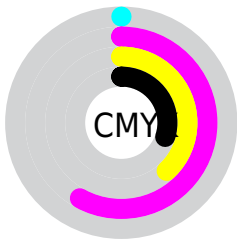
Blue (43%)



Red (70%)

Yellow (29%)

Blue (43%)

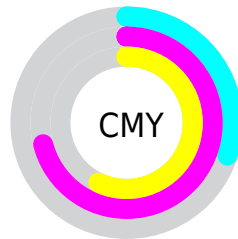


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (30%)



Cyan (30%)

Magenta (71%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B24B6E 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 B24B6E by changing the saturation by 10% instead.



 B24B6E

 B24B6E

FFFFFF

 953156

 ED80A1

 79133F

 FF9BBC

 5E0029

 FFB7D8

 430014

 FFD3F5

 2B0001

 FFF0FF

 000000

 B24B6E

 B24B6E

 B23962

 B25D7A

 B22756

 B26F86

 B2164B

 B28091

 B2043F

 B2929D

 B2003C

 B2A4A9

 B2B6B5

 B2C8C0

 B2D9CC

 B2EBD8

# Harmonies

## Analogous

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



9E5493



B24B6E



B15049

# Triad

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



B24B6E



5A7728



007BB0

# Complementary

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



B24B6E



4BB28F

# 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.



008095



B24B6E



207E48

# Square

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



B24B6E



816D1B



00806F



0B72BA

# Rectangle

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



B24B6E



A75933



00806F



007DA9



# Sweetspot

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



B24B6E



E8C1CE



8E4BB2



755E66



F5F5F5



757575



# Same Dimension

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



B24B6E



E8487E



B25A4B



595053



990034



1A0009



# Inverse Universe

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



B24B6E



E8487E



4BA3B2



595053



990034



1A0009



# Previews

## White Background



This preview shows how the Hex color B24B6E looks on a white background.

## Color Contrast Check

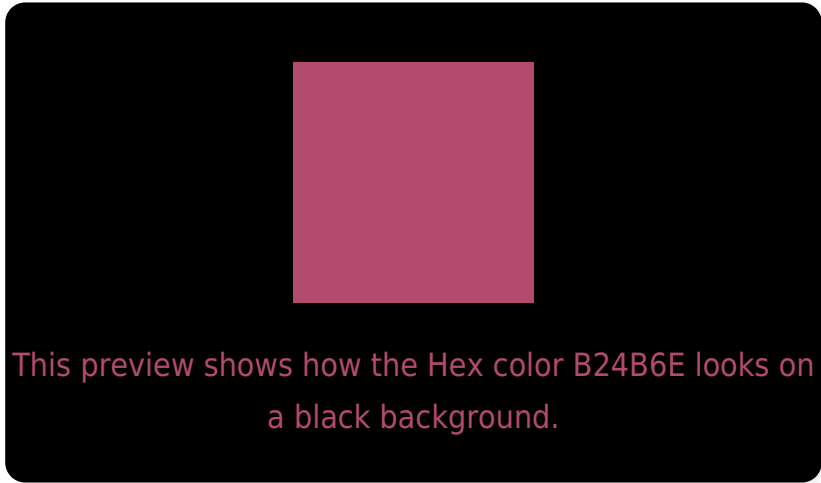
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24B6E Background



This preview shows how black text looks on a background with the Hex color B24B6E.



This preview shows how white text looks on a background with the Hex color B24B6E.

# 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](#).

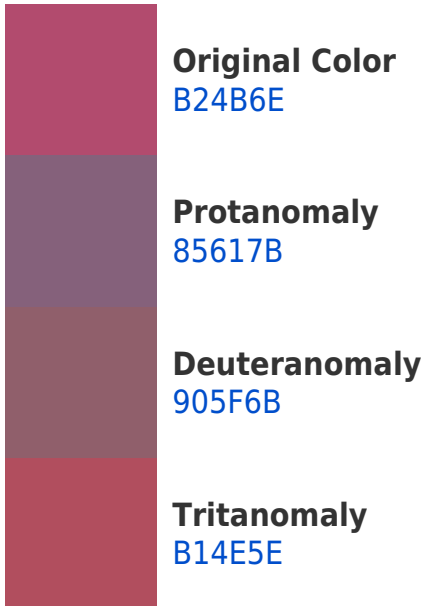
## Dichromacy





**Tritanopia**  
B05055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B24B6E 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 #B24B6E looks like.

```
.text, #text, p{  
    color:#B24B6E  
}
```

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 #B24B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24B6E
}
```

## Border

The CSS property to change the border of an element to Hex B24B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

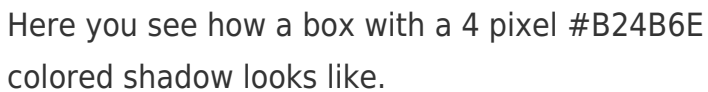
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B24B6E }
```

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

```
.border{ border-color:#B24B6E }
```

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



Here you see how a box with a 4 pixel #B24B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24B6E; -webkit-box-shadow:4px 4px  
4px 4px #B24B6E; box-shadow:4px 4px 4px  
4px #B24B6E }
```

# Background

The CSS property to change the background color of an element to Hex B24B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24B6E }
```

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

```
.background{ background-color:#B24B6E }
```

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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