

Converting Colors

Hex(B4596E)

Have a look what the booklet for
Hex(B4596E) contains.

Hex(B4596E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4596E)

Conversions

Conversions Part 1

Format	Color
Hex	B4596E
RGB	180, 89, 110
RGB Percent	71%, 35%, 43%
CMY	0.2941, 0.6510, 0.5686
CMYK	0.00, 0.51, 0.39, 0.29
HSL	346°, 38%, 53%
HSV	346°, 51%, 71%
XYZ	25.2092, 17.9738, 16.8925
YIQ	118.6030, 47.4950, 25.8230

Conversions

Conversions Part 2

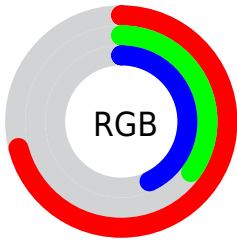
Format	Color
R_{YB}	180, 89, 110
Decimal	11819374
CIE _{Lab}	49.46, 39.08, 5.40
CIE _{LCh}	49, 39.448, 7.872
Yxy	17.9738, 0.4196, 0.2992
Android (android.graphics.Color)	4290009454 (0xFFB4596E)
YUV	118.6030, -4.2413, 53.8452
Hunter-Lab	42.3956, 31.9474, 6.0529

Details

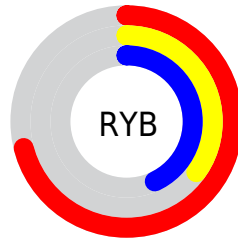
The Hex color **B4596E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **59B49F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EE8DA1**, and **7C263F** is the 20% darker color. If you saturate the color by 10%, you get **B44760**, and if you desaturate by 10%, it is **B46B7C**.

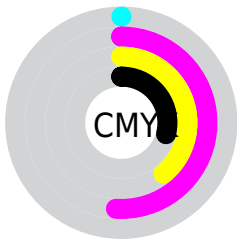
Distribution



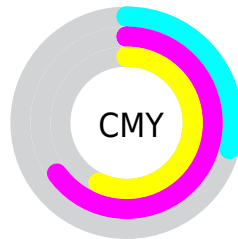
- Red (71%)
- Green (35%)
- Blue (43%)



- Red (71%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4596E 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 B4596E by changing the saturation by 10% instead.

 B4596E

 B4596E

FFFFFF

 984056

 EE8DA1

 7C263F

 FFA9BC

 610829

 FFC4D8

 460015

 FFE1F5

 300002

FFFEFF

 000000

 B4596E

 B4596E

 B44760

 B46B7C

 B43552

 B47D8A

 B42344

 B48F98

 B41137

 B4A1A5

 B4002A

 B4B3B3

 B4C5C1

 B4D7CF

 B4E9DD

 B4FBEB

Harmonies

Analogous

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



A65D90



B4596E



B05F4E

Triad

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



B4596E



5D7F3F



0080B3

Complementary

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



B4596E



59B49F

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.



00859E



B4596E



2C855B

Square

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



B4596E



817730



00877E



4C76B8

Rectangle

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



B4596E



A5673D



00877E



0082AE

Sweetspot

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



B4596E



EBC7D0



9F59B4



756065



F5F5F5



757575

Same Dimension

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



B4596E



EB5B7D



B47159



595052



990023



1A0006

Inverse Universe

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



B4596E



EB5B7D



599CB4



595052



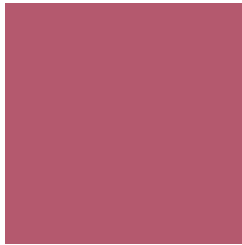
990023



1A0006

Previews

White Background



This preview shows how the Hex color B4596E looks on a white background.

Color Contrast Check

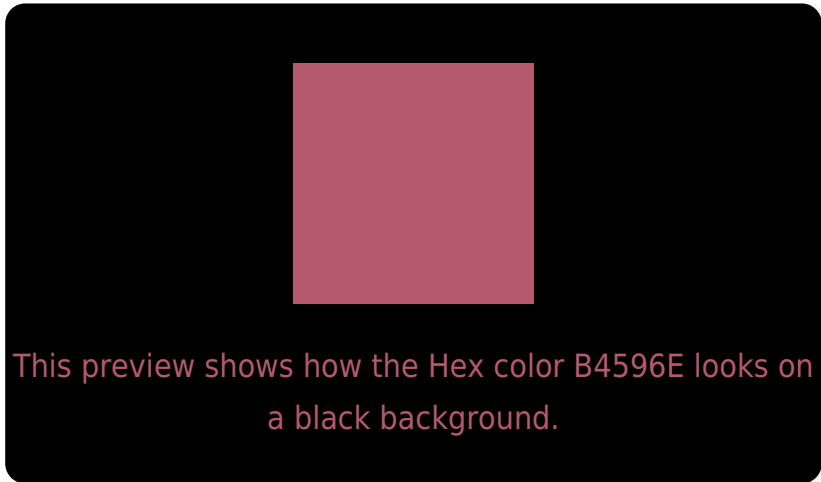
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B4596E Background



This preview shows how black text looks on a background with the Hex color B4596E.



This preview shows how white text looks on a background with the Hex color B4596E.

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
B35B62

Trichromacy



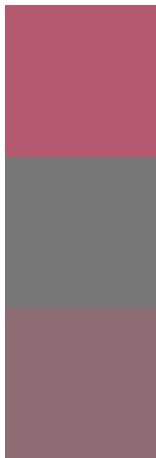
Original Color
B4596E

Protanomaly
8D6B78

Deuteranomaly
97696B

Tritanomaly
B35A66

Monochromacy



Original Color
B4596E

Achromatopsia
777777

Achromatomaly
8D6C74

CSS Examples

Text

The CSS property to change the color of the text to Hex B4596E 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 #B4596E looks like.

```
.text, #text, p{  
    color:#B4596E  
}
```

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 #B4596E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4596E
}
```

Border

The CSS property to change the border of an element to Hex B4596E is called "border". The border property can be set on classes, ids or directly on the HTML element.

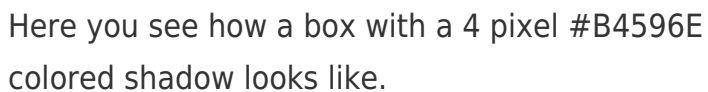
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4596E }
```

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

```
.border{ border-color:#B4596E }
```

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



Here you see how a box with a 4 pixel #B4596E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4596E; -webkit-box-shadow:4px 4px  
4px 4px #B4596E; box-shadow:4px 4px 4px  
4px #B4596E }
```

Background

The CSS property to change the background color of an element to Hex B4596E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4596E }
```

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

```
.background{ background-color:#B4596E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor