

Converting Colors

Hex(B3527E)

Have a look what the booklet for
Hex(B3527E) contains.

Hex(B3527E)	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(B3527E)

Conversions

Conversions Part 1

Format	Color
Hex	B3527E
RGB	179, 82, 126
RGB Percent	70%, 32%, 49%
CMY	0.2980, 0.6784, 0.5059
CMYK	0.00, 0.54, 0.30, 0.30
HSL	333°, 39%, 51%
HSV	333°, 54%, 70%
XYZ	25.3736, 17.1247, 21.7067
YIQ	116.0190, 43.6880, 34.2480

Conversions

Conversions Part 2

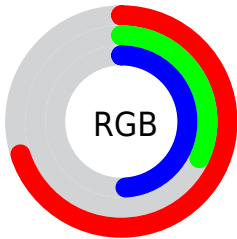
Format	Color
R_{YB}	179, 82, 126
Decimal	11752062
CIE _{Lab}	48.42, 44.29, -5.77
CIE _{LCh}	48, 44.663, 352.575
Yxy	17.1247, 0.3952, 0.2667
Android (android.graphics.Color)	4289942142 (0xFFB3527E)
YUV	116.0190, 4.9206, 55.2343
Hunter-Lab	41.3819, 37.0300, -2.1330

Details

The Hex color **B3527E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **52B387**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ED87B3**, and **7B1C4D** is the 20% darker color. If you saturate the color by 10%, you get **B34074**, and if you desaturate by 10%, it is **B36488**.

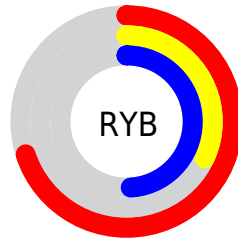
Distribution



Red (70%)

Green (32%)

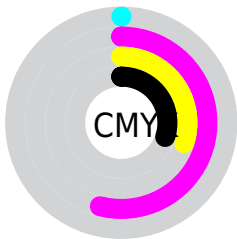
Blue (49%)



Red (70%)

Yellow (32%)

Blue (49%)

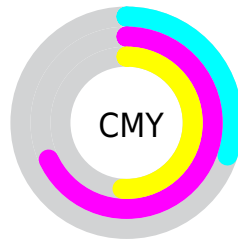


Cyan (0%)

Magenta (54%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (68%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3527E 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 B3527E by changing the saturation by 10% instead.

 B3527E

 B3527E

FFFFFF

 973865

 ED87B3

 7B1C4D

 FFA2CE

 600036

 FFBEEA

 460021

 FFDAFF

 2F0009

 FFF7FF

 000000

 B3527E

 B3527E

 B34074

 B36488

 B32E6A

 B37692

 B31C61

 B3889B

 B30A57

 B39AA5

 B30051

 B3ACAF

 B3BDB9

 B3CFC2

 B3E1CC

 B3F3D6

Harmonies

Analogous

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



985DA1



B3527E



B85358

Triad

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



B3527E



6C7928



0082AE

Complementary

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



B3527E



52B387

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.



00858F



B3527E



3D8143

Square

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



B3527E



906E24



008568



007ABE

Rectangle

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



B3527E



B15B42



008568



0084A5

Sweetspot

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



B3527E



E8C3D4



8652B3



755F69



F5F5F5



757575

Same Dimension

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



B3527E



E85196



B35552



595054



990045



1A000C

Inverse Universe

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



B3527E



E85196



52B0B3



595054



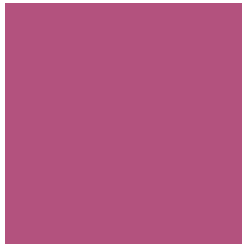
990045



1A000C

Previews

White Background



This preview shows how the Hex color B3527E looks on a white background.

Color Contrast Check

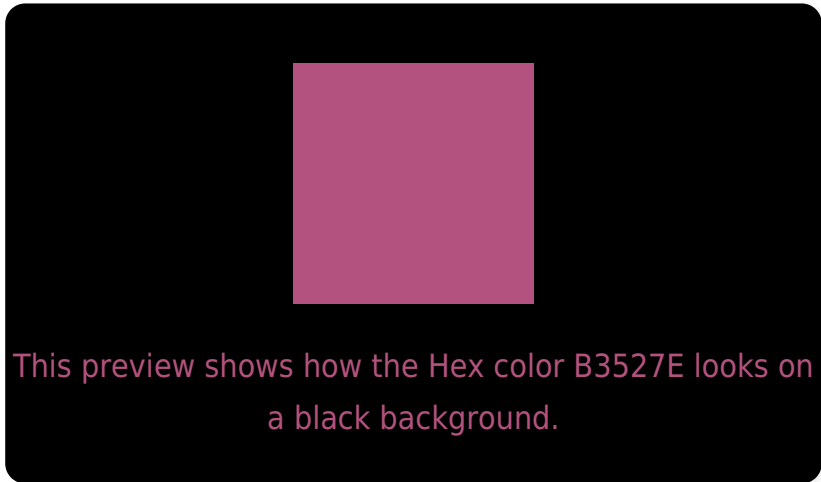
Large Text (above 18pt) WCAG AA ✓ Pass

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

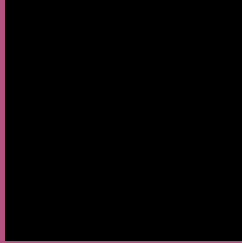
Any Text WCAG AA × Fail

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 B3527E Background



This preview shows how black text looks on a background with the Hex color B3527E.




This preview shows how white text looks on a background with the Hex color B3527E.

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](#).

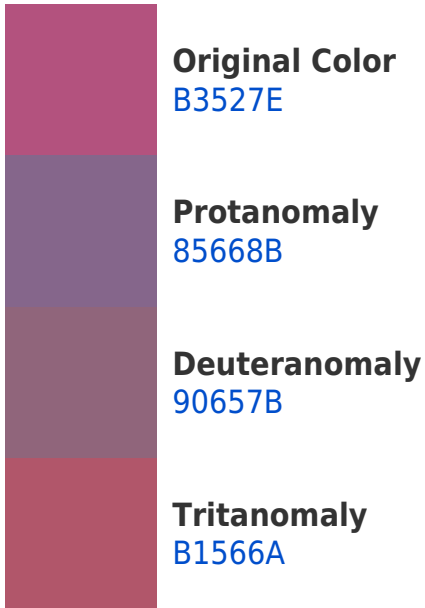
Dichromacy





Tritanopia
B0585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3527E 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 #B3527E looks like.

```
.text, #text, p{  
    color:#B3527E  
}
```

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 #B3527E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3527E
}
```

Border

The CSS property to change the border of an element to Hex B3527E is called "border". The border property can be set on classes, ids or directly on the HTML element.

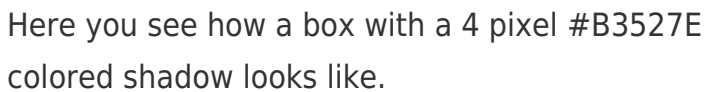
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3527E }
```

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

```
.border{ border-color:#B3527E }
```

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



Here you see how a box with a 4 pixel #B3527E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3527E; -webkit-box-shadow:4px 4px  
4px 4px #B3527E; box-shadow:4px 4px 4px  
4px #B3527E }
```

Background

The CSS property to change the background color of an element to Hex B3527E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3527E }
```

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

```
.background{ background-color:#B3527E }
```

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