

Converting Colors

Hex(B03B62)

Have a look what the booklet for
Hex(B03B62) contains.

Hex(B03B62)	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(B03B62)

Conversions

Conversions Part 1

Format	Color
Hex	B03B62
RGB	176, 59, 98
RGB Percent	69%, 23%, 38%
CMY	0.3098, 0.7686, 0.6157
CMYK	0.00, 0.66, 0.44, 0.31
HSL	340°, 50%, 46%
HSV	340°, 66%, 69%
XYZ	21.6731, 13.2399, 12.9685
YIQ	98.4290, 57.2130, 36.9330

Conversions

Conversions Part 2

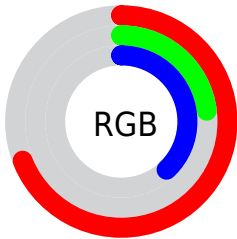
Format	Color
R_{YB}	176, 59, 98
Decimal	11549538
CIE _{Lab}	43.12, 50.63, 3.53
CIE _{LCh}	43, 50.752, 3.991
Yxy	13.2399, 0.4526, 0.2765
Android (android.graphics.Color)	4289739618 (0xFFB03B62)
YUV	98.4290, -0.2115, 68.0298
Hunter-Lab	36.3866, 42.6438, 4.3392

Details

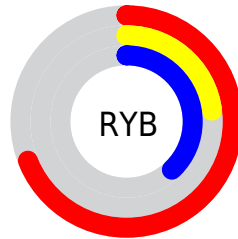
The Hex color **B03B62** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3BB089**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **EB7194**, and **770034** is the 20% darker color. If you saturate the color by 10%, you get **B02956**, and if you desaturate by 10%, it is **B04D6E**.

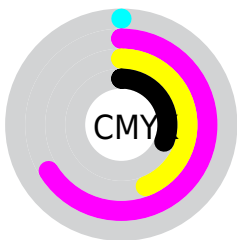
Distribution



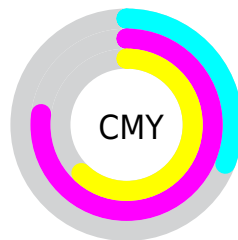
- Red (69%)
- Green (23%)
- Blue (38%)



- Red (69%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (44%)
- Black (31%)



- Cyan (31%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B03B62 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 B03B62 by changing the saturation by 10% instead.

 B03B62

 B03B62

FFFFFF

 931D4A

 EB7194

 770034

 FF8DAF

 5B001F

 FFA8CA

 410005

 FFC5E6

 230001

 FFE1FF

 000000

 B03B62

 B03B62

 B02956

 B04D6E

 B0184B

 B05E79

 B0063F

 B07085

 B0003B

 B08191

 B0939D

 B0A5A8

 B0B6B4

 B0C8C0

 B0D9CC

Harmonies

Analogous

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



9C458B



B03B62



AC4439

Triad

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



B03B62



4A7117



0074B1

Complementary

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



B03B62



3BB089

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.



007994



B03B62



00773F

Square

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



B03B62



756600



00796A



0069BA

Rectangle

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



B03B62



A05021



00796A



0076A9

Sweetspot

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



B03B62



E6B8C7



893BB0



735760



F2F2F2



737373

Same Dimension

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



B03B62



E62E6B



B04E3B



595053



990033



1A0009

Inverse Universe

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



B03B62



E62E6B



3B9CB0



595053



990033



1A0009

Previews

White Background



This preview shows how the Hex color B03B62 looks on a white background.

Color Contrast Check

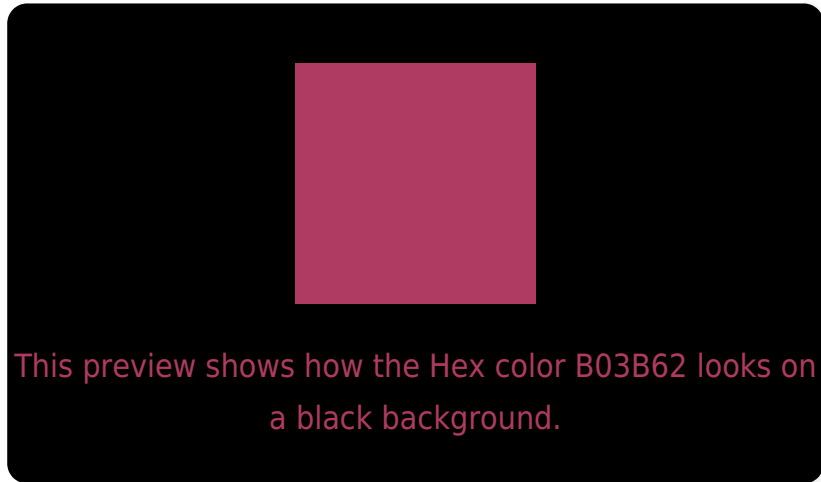
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03B62 Background



This preview shows how black text looks on a background with the Hex color B03B62.



This preview shows how white text looks on a background with the Hex color B03B62.

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



Trichromacy



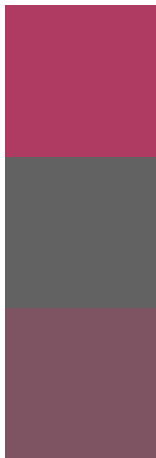
Original Color
B03B62

Protanomaly
7E5672

Deuteranomaly
8A545E

Tritanomaly
AF3F50

Monochromacy



Original Color
B03B62

Achromatopsia
626262

Achromatomaly
7E5462

CSS Examples

Text

The CSS property to change the color of the text to Hex B03B62 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 #B03B62 looks like.

```
.text, #text, p{  
    color:#B03B62  
}
```

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 #B03B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03B62
}
```

Border

The CSS property to change the border of an element to Hex B03B62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

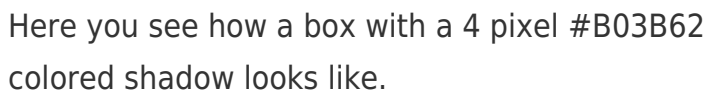
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03B62 }
```

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

```
.border{ border-color:#B03B62 }
```

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



Here you see how a box with a 4 pixel #B03B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03B62; -webkit-box-shadow:4px 4px  
4px 4px #B03B62; box-shadow:4px 4px 4px  
4px #B03B62 }
```

Background

The CSS property to change the background color of an element to Hex B03B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03B62 }
```

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

```
.background{ background-color:#B03B62 }
```

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