

# Converting Colors

Hex(B04263)

Have a look what the booklet for  
Hex(B04263) contains.

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**Color**

**Hex(B04263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B04263</a>
RGB	<a href="#">176, 66, 99</a>
RGB Percent	<a href="#">69%, 26%, 39%</a>
CMY	<a href="#">0.3098, 0.7412, 0.6118</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.62, 0.44, 0.31</a>
HSL	<a href="#">342°, 45%, 47%</a>
HSV	<a href="#">342°, 62%, 69%</a>
XYZ	<a href="#">22.1048, 14.0274, 13.3469</a>
YIQ	<a href="#">102.6520, 54.9670, 33.5830</a>

# Conversions

## Conversions Part 2

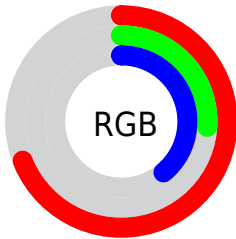
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 66, 99
Decimal	11551331
CIE Lab	44.27, 47.69, 4.57
CIE LCh	44, 47.906, 5.471
Yxy	14.0274, 0.4468, 0.2835
Android (android.graphics.Color)	4289741411 (0xFFB04263)
YUV	102.6520, -1.8004, 64.3262
Hunter-Lab	37.4532, 39.8076, 5.0885

# Details

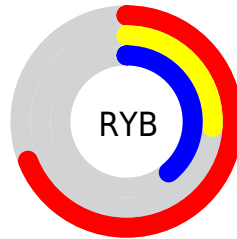
The Hex color **B04263** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42B08F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **EB7796**, and **770135** is the 20% darker color. If you saturate the color by 10%, you get **B03057**, and if you desaturate by 10%, it is **B0546F**.

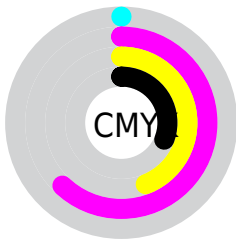
# Distribution



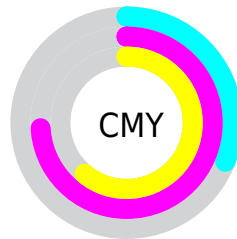
- Red (69%)
- Green (26%)
- Blue (39%)



- Red (69%)
- Yellow (26%)
- Blue (39%)



- Cyan (0%)
- Magenta (62%)
- Yellow (44%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B04263 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 B04263 by changing the saturation by 10% instead.



 B04263

 B04263

FFFFFF

 93264B

 EB7796

 770135

 FF92B0

 5B0020

 FFAECC

 410007

 FFCAE8

 250001

 FFE7FF

 000000

 B04263

 B04263

 B03057

 B0546F

 B01F4A


 B0657C

 B00D3E

 B07788

 B00035

 B08894

 B09AA1

 B0ACAD

 B0BDB9

 B0CFC6

 B0E0D2

# Harmonies

## Analogous

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



9E4A8B



B04263



AC4A3D

# Triad

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



B04263



4D7322



0076B1

# Complementary

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



B04263



42B08F

# 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.



007B96



B04263



007946

# Square

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



B04263



76690D



007C6F



0A6BB8

# Rectangle

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



B04263



9F5527



007C6F



0078AA



# Sweetspot

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



B04263



E6BAC7



8F42B0



735860



F2F2F2



737373



# Same Dimension

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



B04263



E6396D



B05842



595053



99002E



1A0008



# Inverse Universe

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



B04263



E6396D



429AB0



595053



99002E



1A0008



# Previews

## White Background



This preview shows how the Hex color B04263 looks on a white background.

## Color Contrast Check

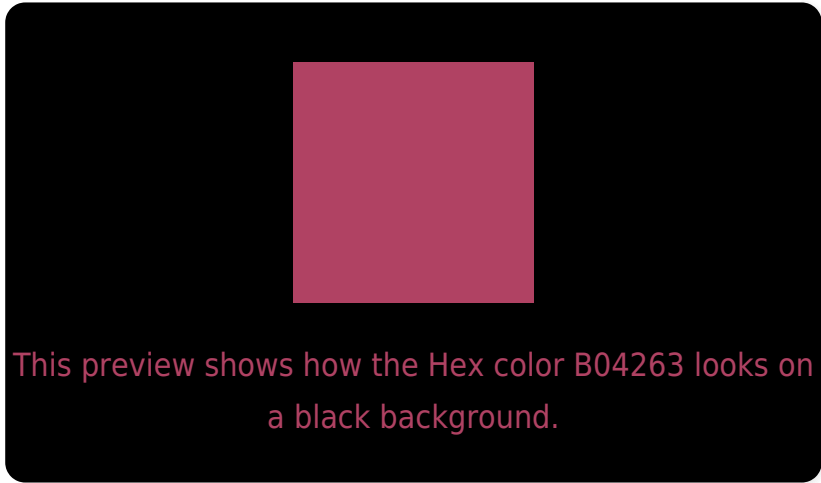
Large Text (above 18pt) WCAG AA ✓ Pass

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 B04263 Background



This preview shows how black text looks on a background with the Hex color B04263.

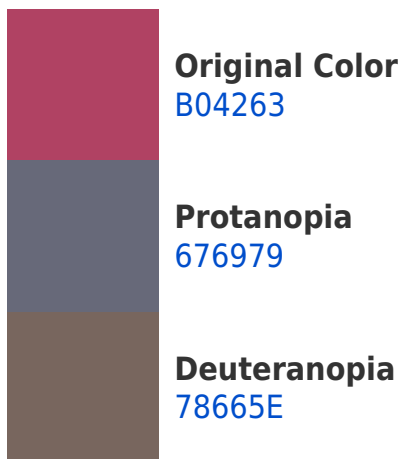


This preview shows how white text looks on a background with the Hex color B04263.

# 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**  
AE474B

# Trichromacy



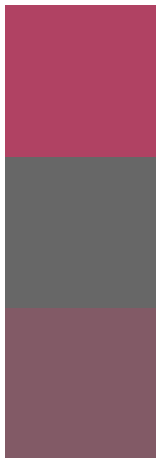
**Original Color**  
B04263

**Protanomaly**  
825B71

**Deuteranomaly**  
8C5960

**Tritanomaly**  
AF4554

# Monochromacy



**Original Color**  
B04263

**Achromatopsia**  
676767

**Achromatomaly**  
825A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B04263 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 #B04263 looks like.

```
.text, #text, p{  
    color:#B04263  
}
```

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 #B04263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04263
}
```

## Border

The CSS property to change the border of an element to Hex B04263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

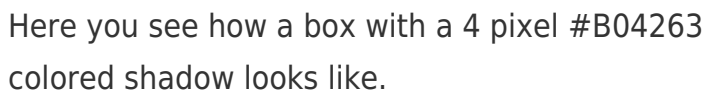
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04263 }
```

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

```
.border{ border-color:#B04263 }
```

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



Here you see how a box with a 4 pixel #B04263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04263; -webkit-box-shadow:4px 4px  
4px 4px #B04263; box-shadow:4px 4px 4px  
4px #B04263 }
```

# Background

The CSS property to change the background color of an element to Hex B04263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04263 }
```

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

```
.background{ background-color:#B04263 }
```

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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