

Converting Colors

Hex(B02B64)

Have a look what the booklet for
Hex(B02B64) contains.

| | |
|--|----|
| Hex(B02B64) | 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(B02B64)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B02B64 |
| RGB | 176, 43, 100 |
| RGB Percent | 69%, 17%, 39% |
| CMY | 0.3098, 0.8314, 0.6078 |
| CMYK | 0.00, 0.76, 0.43, 0.31 |
| HSL | 334°, 61%, 43% |
| HSV | 334°, 76%, 69% |
| XYZ | 21.0686, 11.8780, 13.2388 |
| YIQ | 89.2650, 60.9710, 45.9230 |

Conversions

Conversions Part 2

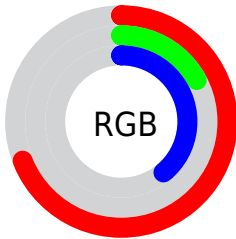
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 176, 43, 100 |
| Decimal | 11545444 |
| CIE Lab | 41.02, 56.82, -0.77 |
| CIE LCh | 41, 56.823, 359.225 |
| Yxy | 11.8780, 0.4562, 0.2572 |
| Android (android.graphics.Color) | 4289735524 (0xFFB02B64) |
| YUV | 89.2650, 5.2924, 76.0666 |
| Hunter-Lab | 34.4644, 48.8070, 1.3500 |

Details

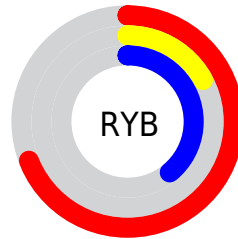
The Hex color **B02B64** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2BB077**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EC6597**, and **760036** is the 20% darker color. If you saturate the color by 10%, you get **B0195A**, and if you desaturate by 10%, it is **B03D6E**.

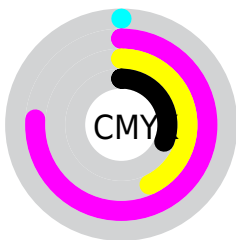
Distribution



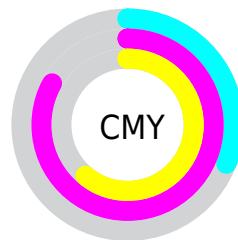
- Red (69%)
- Green (17%)
- Blue (39%)



- Red (69%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (76%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B02B64 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 B02B64 by changing the saturation by 10% instead.

 B02B64

 B02B64

FFFFFF

 93004C

 EC6597

 760036

 FF81B1

 5A0021

 FF9CCD

 400008

 FFB9E9

 200001

 FFD6FF

 000000

 FFF3FF

 B02B64

 B02B64

 B0195A

 B03D6E

 B00850

 B04E78

 B0004B

 B06082

 B0718C

 B08396

 B095A0

 B0A6AA

 B0B8B4

 B0C9BF

Harmonies

Analogous

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



963D91



B02B64



AF3436

Triad

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



B02B64



486B00



0071B1

Complementary

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



B02B64



2BB077

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.



00758D



B02B64



00722D

Square

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



B02B64



765E00



00755E



0067BF

Rectangle

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



B02B64



A34419



00755E



0073A7

Sweetspot

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



B02B64



E6B1C7



762BB0



735360



F2F2F2



737373

Same Dimension

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



B02B64



E6156E



B0342B



595054



990042



1A000B

Inverse Universe

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



B02B64



E6156E



2BA7B0



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color B02B64 looks on a white background.

Color Contrast Check

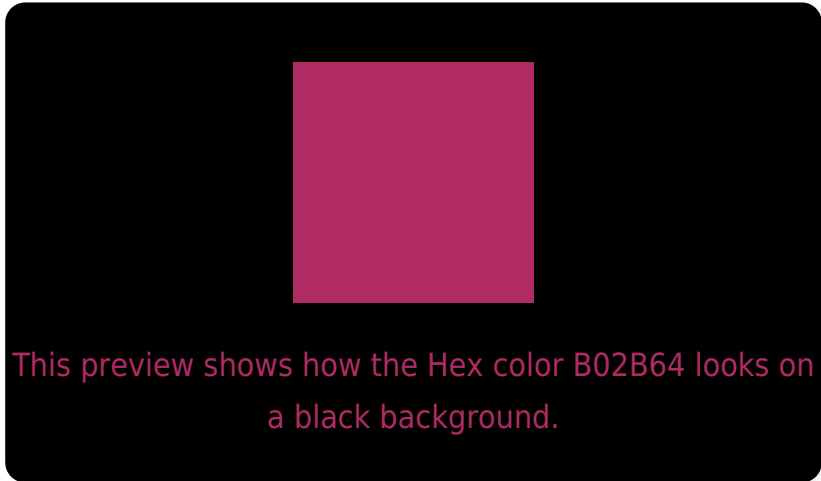
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02B64 Background



This preview shows how black text looks on a background with the Hex color B02B64.

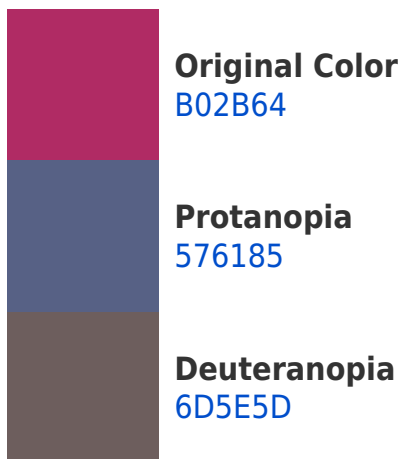


This preview shows how white text looks on a background with the Hex color B02B64.

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



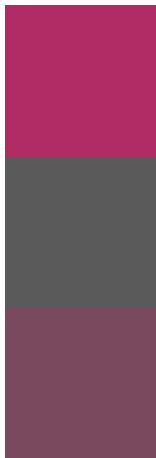
Original Color
B02B64

Protanomaly
774D79

Deuteranomaly
854B60

Tritanomaly
AE3249

Monochromacy



Original Color
B02B64

Achromatopsia
595959

Achromatomaly
79485D

CSS Examples

Text

The CSS property to change the color of the text to Hex B02B64 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 #B02B64 looks like.

```
.text, #text, p{  
    color:#B02B64  
}
```

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 #B02B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02B64
}
```

Border

The CSS property to change the border of an element to Hex B02B64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

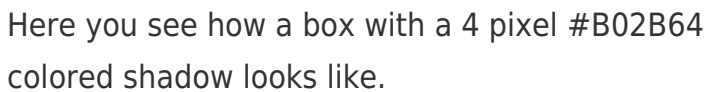
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B02B64 }
```

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

```
.border{ border-color:#B02B64 }
```

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



Here you see how a box with a 4 pixel #B02B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02B64; -webkit-box-shadow:4px 4px  
4px 4px #B02B64; box-shadow:4px 4px 4px  
4px #B02B64 }
```

Background

The CSS property to change the background color of an element to Hex B02B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02B64 }
```

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

```
.background{ background-color:#B02B64 }
```

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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