

Converting Colors

Hex(B02E64)

Have a look what the booklet for
Hex(B02E64) contains.

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Color

Hex(B02E64)

Conversions

Conversions Part 1

Format	Color
Hex	B02E64
RGB	176, 46, 100
RGB Percent	69%, 18%, 39%
CMY	0.3098, 0.8196, 0.6078
CMYK	0.00, 0.74, 0.43, 0.31
HSL	335°, 59%, 44%
HSV	335°, 74%, 69%
XYZ	21.1817, 12.1042, 13.2765
YIQ	91.0260, 60.1460, 44.3540

Conversions

Conversions Part 2

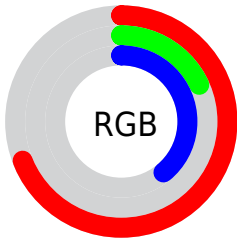
Format	Color
R_{YB}	176, 46, 100
Decimal	11546212
CIE _{Lab}	41.38, 55.81, -0.24
CIE _{LCh}	41, 55.808, 359.751
Yxy	12.1042, 0.4549, 0.2600
Android (android.graphics.Color)	4289736292 (0xFFB02E64)
YUV	91.0260, 4.4242, 74.5222
Hunter-Lab	34.7911, 47.7912, 1.7283

Details

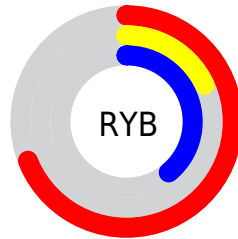
The Hex color **B02E64** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2EB07A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **EC6797**, and **760036** is the 20% darker color. If you saturate the color by 10%, you get **B01C5A**, and if you desaturate by 10%, it is **B0406E**.

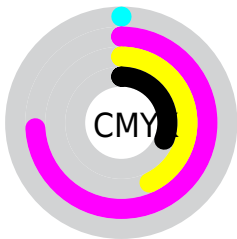
Distribution



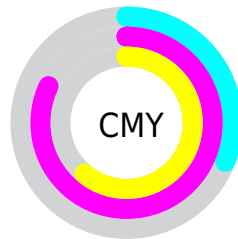
- Red (69%)
- Green (18%)
- Blue (39%)



- Red (69%)
- Yellow (18%)
- Blue (39%)



- Cyan (0%)
- Magenta (74%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B02E64 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 B02E64 by changing the saturation by 10% instead.

 B02E64

 B02E64

FFFFFF

 93054C

 EC6797

 760036

 FF83B1

 5A0021

 FF9ECD

 400008

 FFBBE9

 200001

 FFD8FF

 000000

 FFF5FF

 B02E64

 B02E64

 B01C5A

 B0406E

 B00B4F


 B05179

 B00049

 B06383

 B0748D

 B08697

 B098A2

 B0A9AC

 B0BBB6

 B0CCC1

Harmonies

Analogous

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



973E91



B02E64



AF3737

Triad

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



B02E64



496C00



0072B1

Complementary

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



B02E64



2EB07A

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.



00768E



B02E64



007330

Square

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



B02E64



766000



007660



0067BE

Rectangle

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



B02E64



A2461B



007660



0074A7

Sweetspot

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



B02E64



E6B3C8



7A2EB0



735561



F2F2F2



737373

Same Dimension

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



B02E64



E6196E



B0392E



595054



990040



1A000B

Inverse Universe

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



B02E64



E6196E



2EA5B0



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color B02E64 looks on a white background.

Color Contrast Check

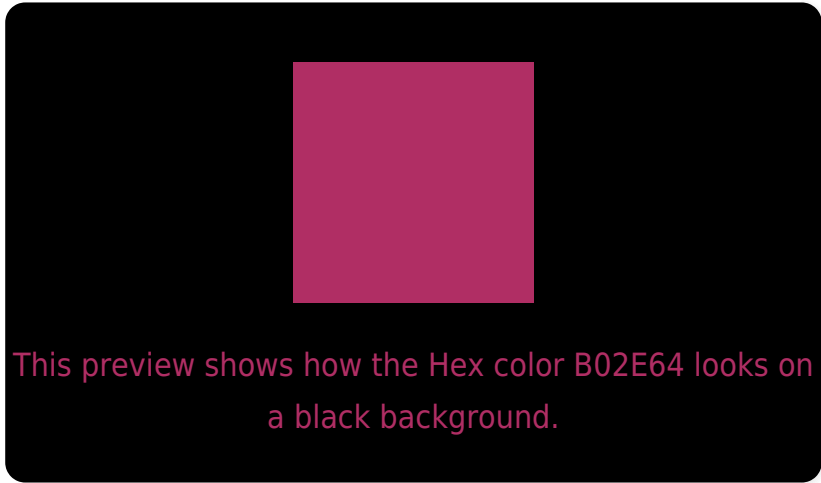
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02E64 Background



This preview shows how black text looks on a background with the Hex color B02E64.



This preview shows how white text looks on a background with the Hex color B02E64.

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
B02E64

Protanomaly
794E78

Deuteranomaly
864D60

Tritanomaly
AE344A

Monochromacy



Original Color
B02E64

Achromatopsia
5B5B5B

Achromatomaly
7A4B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex B02E64 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 #B02E64 looks like.

```
.text, #text, p{  
    color:#B02E64  
}
```

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 #B02E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02E64
}
```

Border

The CSS property to change the border of an element to Hex B02E64 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
#B02E64 }
```

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

```
.border{ border-color:#B02E64 }
```

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

Here you see how a box with a 4 pixel #B02E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02E64; -webkit-box-shadow:4px 4px  
4px 4px #B02E64; box-shadow:4px 4px 4px  
4px #B02E64 }
```

Background

The CSS property to change the background color of an element to Hex B02E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02E64 }
```

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

```
.background{ background-color:#B02E64 }
```

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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