

Converting Colors

Hex(B01B02)

Have a look what the booklet for
Hex(B01B02) contains.

Hex(B01B02)	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(B01B02)

Conversions

Conversions Part 1

Format	Color
Hex	B01B02
RGB	176, 27, 2
RGB Percent	69%, 11%, 1%
CMY	0.3098, 0.8941, 0.9922
CMYK	0.00, 0.85, 0.99, 0.31
HSL	9°, 98%, 35%
HSV	9°, 99%, 69%
XYZ	18.3074, 10.0184, 1.0263
YIQ	68.7010, 96.8290, 23.8130

Conversions

Conversions Part 2

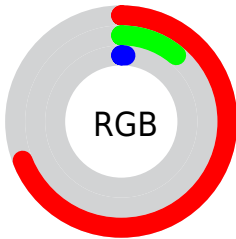
Format	Color
R_{YB}	176, 31, 2
Decimal	11541250
CIE _{Lab}	37.88, 56.54, 50.64
CIE _{LCh}	38, 75.900, 41.852
Yxy	10.0184, 0.6237, 0.3413
Android (android.graphics.Color)	4289731330 (0xFFB01B02)
YUV	68.7010, -32.8836, 94.1012
Hunter-Lab	31.6518, 47.8537, 20.2339

Details

The Hex color **B01B02** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0297B0**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F05834**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **B01900**, and if you desaturate by 10%, it is **B02A14**.

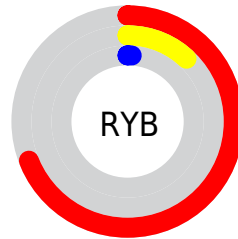
Distribution



Red (69%)

Green (11%)

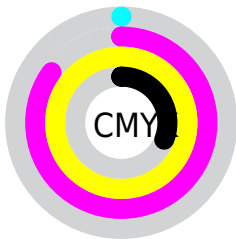
Blue (1%)



Red (69%)

Yellow (12%)

Blue (1%)

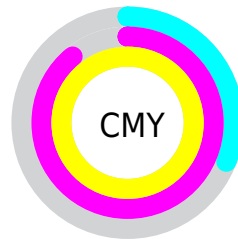


Cyan (0%)

Magenta (85%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B01B02 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 B01B02 by changing the saturation by 10% instead.

 B01B02

 B01B02

 FFFFED

 910000

 F05834

 710000

 FF744C

 530000

 FF9065

 370002

 FFAC7F

 0B0000

 FFC99A

 000000

 FFE6B5

 FFFFD1

 B01B02

 B01B02

 B01900

 B02A14

 B03925

 B04837

 B05748

 B0665A

 B0756C

 B0847D

 B0948F

 B0A3A0

Harmonies

Analogous

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



C00044



B01B02



8B4800

Triad

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



B01B02



006F30



005AD4

Complementary

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



B01B02



0297B0

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.



006BD0



B01B02



007171

Square

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



B01B02



006A00



0071AB



7538B6

Rectangle

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



B01B02



6A5800



0071AB



0061D7

Sweetspot

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



B01B02



E6ABA1



B00299



734F49



F2F2F2



737373

Same Dimension

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



B01B02



E62100



B07002



595250



991600



1A0400

Inverse Universe

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



0297B0



00C5E6



0242B0



505859



008399



00161A

Previews

White Background



This preview shows how the Hex color B01B02 looks on a white background.

Color Contrast Check

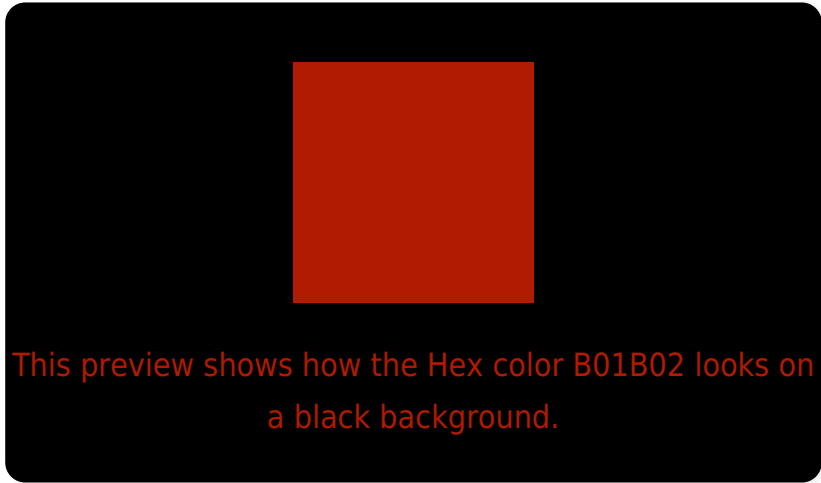
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01B02 Background



This preview shows how black text looks on a background with the Hex color B01B02.



This preview shows how white text looks on a background with the Hex color B01B02.

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



Original Color
B01B02

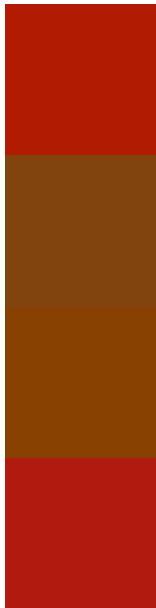
Protanopia
665B16

Deuteranopia
725600



Tritanopia
B01A17

Trichromacy



Original Color
B01B02

Protanomaly
81440F

Deuteranomaly
894101

Tritanomaly
B01A0F

Monochromacy



Original Color
B01B02

Achromatopsia
454545

Achromatomaly
6C362D

CSS Examples

Text

The CSS property to change the color of the text to Hex B01B02 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 #B01B02 looks like.

```
.text, #text, p{  
    color:#B01B02  
}
```

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 #B01B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01B02
}
```

Border

The CSS property to change the border of an element to Hex B01B02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

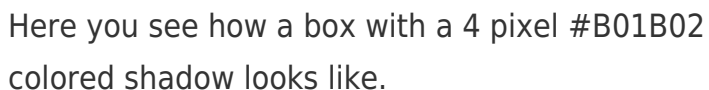
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B01B02 }
```

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

```
.border{ border-color:#B01B02 }
```

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



Here you see how a box with a 4 pixel #B01B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01B02; -webkit-box-shadow:4px 4px  
4px 4px #B01B02; box-shadow:4px 4px 4px  
4px #B01B02 }
```

Background

The CSS property to change the background color of an element to Hex B01B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01B02 }
```

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

```
.background{ background-color:#B01B02 }
```

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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