

Converting Colors

Hex(B02436)

Have a look what the booklet for
Hex(B02436) contains.

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Color

Hex(B02436)

Conversions

Conversions Part 1

Format	Color
Hex	B02436
RGB	176, 36, 54
RGB Percent	69%, 14%, 21%
CMY	0.3098, 0.8588, 0.7882
CMYK	0.00, 0.80, 0.69, 0.31
HSL	352°, 66%, 42%
HSV	352°, 80%, 69%
XYZ	19.2012, 10.7582, 4.5546
YIQ	79.9120, 77.6620, 35.2780

Conversions

Conversions Part 2

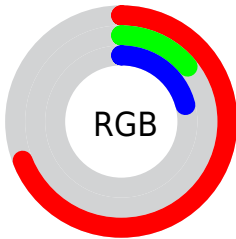
Format	Color
R_{YB}	176, 36, 54
Decimal	11543606
CIE _{Lab}	39.17, 55.58, 25.69
CIE _{LCh}	39, 61.231, 24.811
Yxy	10.7582, 0.5563, 0.3117
Android (android.graphics.Color)	4289733686 (0xFFB02436)
YUV	79.9120, -12.7746, 84.2692
Hunter-Lab	32.7997, 47.0960, 14.7268

Details

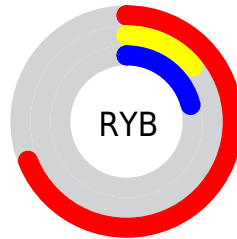
The Hex color **B02436** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24B09E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **EE5F65**, and **74000C** is the 20% darker color. If you saturate the color by 10%, you get **B01227**, and if you desaturate by 10%, it is **B03645**.

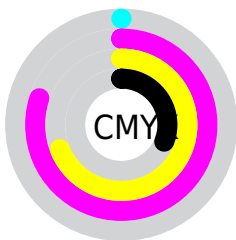
Distribution



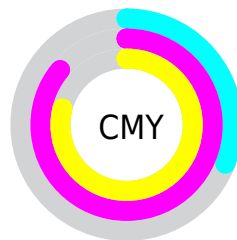
- Red (69%)
- Green (14%)
- Blue (21%)



- Red (69%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (80%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B02436 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 B02436 by changing the saturation by 10% instead.

 B02436

 B02436

FFFFFF

 920021

 EE5F65

 74000C

 FF7A7E

 560000

 FF9697

 3B0002

 FFB3B2

 140000

 FFCFCE

 000000

 FFEDEA

 B02436

 B02436

 B01227

 B03645

 B00117

 B04755

 B00017

 B05964

 B06A73

 B07C83

 B08E92

 B09FA1

 B0B1B1

 B0C2C0

Harmonies

Analogous

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



AE1B67



B02436



9C4100

Triad

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



B02436



006D1C



0065C1

Complementary

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



B02436



24B09E

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.



006FAE



B02436



007152

Square

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



B02436



486600



007285



4153B8

Rectangle

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



B02436



855100



007285



0069BD

Sweetspot

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



B02436



E6AEB6



9D24B0



735156



F2F2F2



737373

Same Dimension

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



B02436



E60B28



B05724



595051



990014



1A0003

Inverse Universe

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



B02436



E60B28



247DB0



595051



990014



1A0003

Previews

White Background



This preview shows how the Hex color B02436 looks on a white background.

Color Contrast Check

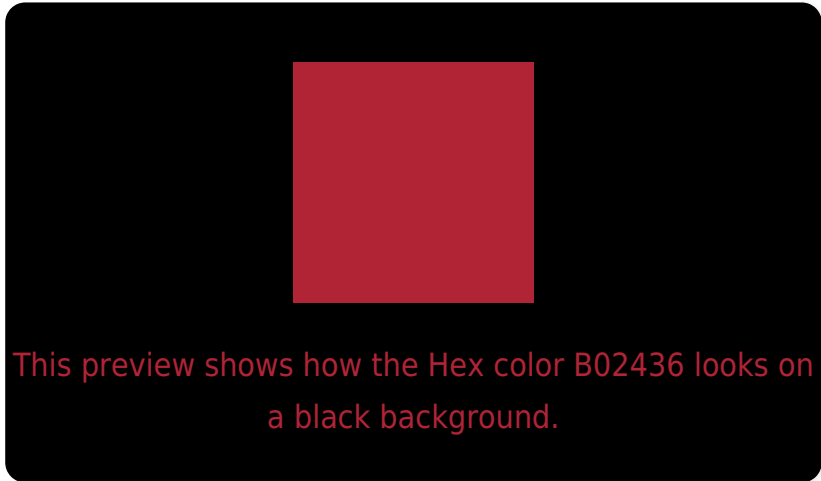
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02436 Background



This preview shows how black text looks on a background with the Hex color B02436.



This preview shows how white text looks on a background with the Hex color B02436.

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
B02436

Protanopia
635D4B

Deuteranopia
73592E

Trichromacy



Original Color
B02436

Protanomaly
7F4843

Deuteranomaly
894631

Tritanomaly
B0262C

Monochromacy



Original Color
B02436

Achromatopsia
505050

Achromatomaly
734047

CSS Examples

Text

The CSS property to change the color of the text to Hex B02436 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 #B02436 looks like.

```
.text, #text, p{  
    color:#B02436  
}
```

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 #B02436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02436
}
```

Border

The CSS property to change the border of an element to Hex B02436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

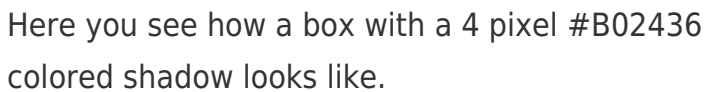
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B02436 }
```

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

```
.border{ border-color:#B02436 }
```

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



Here you see how a box with a 4 pixel #B02436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02436; -webkit-box-shadow:4px 4px  
4px 4px #B02436; box-shadow:4px 4px 4px  
4px #B02436 }
```

Background

The CSS property to change the background color of an element to Hex B02436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02436 }
```

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

```
.background{ background-color:#B02436 }
```

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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