

# Converting Colors

Hex(B02152)

Have a look what the booklet for  
Hex(B02152) contains.

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# Color

**Hex(B02152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B02152</a>
RGB	<a href="#">176, 33, 82</a>
RGB Percent	<a href="#">69%, 13%, 32%</a>
CMY	<a href="#">0.3098, 0.8706, 0.6784</a>
CMYK	<a href="#">0.00, 0.81, 0.53, 0.31</a>
HSL	<a href="#">339°, 68%, 41%</a>
HSV	<a href="#">339°, 81%, 69%</a>
XYZ	<a href="#">19.9713, 10.9270, 9.0392</a>
YIQ	<a href="#">81.3430, 69.4990, 45.5550</a>

# Conversions

## Conversions Part 2

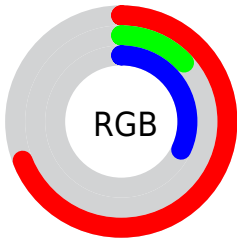
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 33, 82
Decimal	11542866
CIE Lab	39.46, 58.21, 8.37
CIE LCh	39, 58.812, 8.181
Yxy	10.9270, 0.5001, 0.2736
Android (android.graphics.Color)	4289732946 (0xFFB02152)
YUV	81.3430, 0.3239, 83.0142
Hunter-Lab	33.0560, 49.9956, 6.9264

# Details

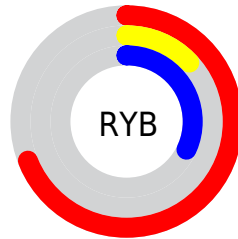
The Hex color **B02152** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **21B07F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **ED5E83**, and **750026** is the 20% darker color. If you saturate the color by 10%, you get **B00F46**, and if you desaturate by 10%, it is **B0335E**.

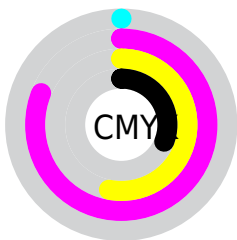
# Distribution



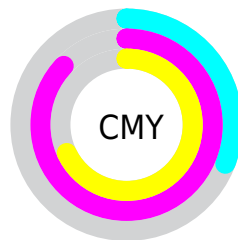
- Red (69%)
- Green (13%)
- Blue (32%)



- Red (69%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (81%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (87%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B02152 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 B02152 by changing the saturation by 10% instead.



 B02152

 B02152

FFFFFF

 92003B

 ED5E83

 750026

 FF7A9D

 580011

 FF96B8

 3E0003

 FFB2D3

 1A0001

 FFCFF0

 000000

 FFECFF

 B02152

 B02152

 B00F46

 B0335E

 B0003C

 B04469

 B05675

 B06780

 B0798C

 B08B97

 B09CA3

 B0AEAF

 B0BFBA

# Harmonies

## Analogous

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



9F2E82



B02152



A83524

# Triad

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



B02152



306A00



006CB6

# Complementary

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



B02152



21B07F

# 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.



007197



B02152



007037

# Square

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



B02152



655F00



007269



005FBD

# Rectangle

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



B02152



974600



007269



006EAE



# Sweetspot

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



B02152



E6AEC1



7E21B0



73515D



F2F2F2



737373



# Same Dimension

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



B02152



E60552



B03621



595053



990034



1A0009



# Inverse Universe

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



B02152



E60552



219BB0



595053



990034



1A0009



# Previews

## White Background



This preview shows how the Hex color B02152 looks on a white background.

## Color Contrast Check

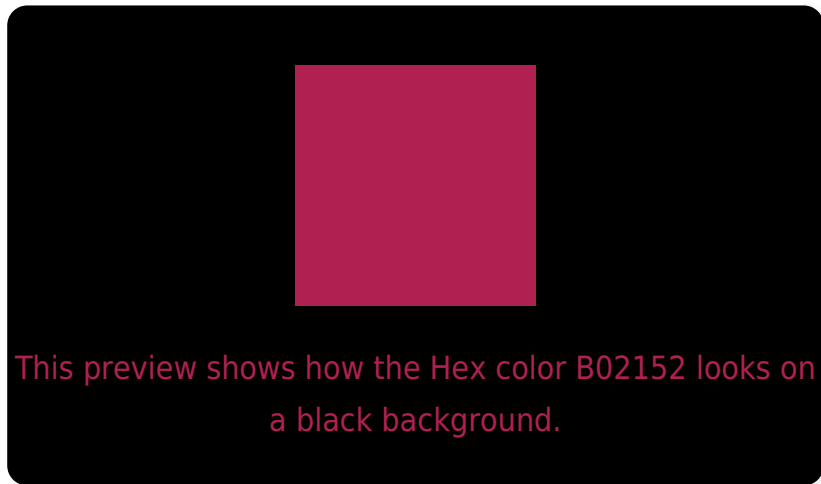
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02152 Background



This preview shows how black text looks on a background with the Hex color B02152.

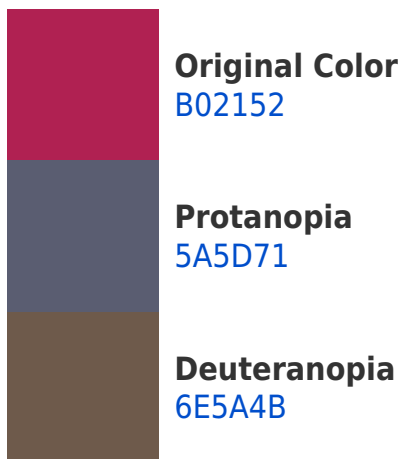


This preview shows how white text looks on a background with the Hex color B02152.

# 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**  
B02152

**Protanomaly**  
794766

**Deuteranomaly**  
86454E

**Tritanomaly**  
AF273A

# Monochromacy



**Original Color**  
B02152

**Achromatopsia**  
515151

**Achromatomaly**  
744051

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B02152 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 #B02152 looks like.

```
.text, #text, p{  
    color:#B02152  
}
```

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 #B02152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02152
}
```

## Border

The CSS property to change the border of an element to Hex B02152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

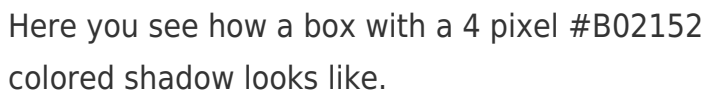
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B02152 }
```

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

```
.border{ border-color:#B02152 }
```

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



Here you see how a box with a 4 pixel #B02152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02152; -webkit-box-shadow:4px 4px  
4px 4px #B02152; box-shadow:4px 4px 4px  
4px #B02152 }
```

# Background

The CSS property to change the background color of an element to Hex B02152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02152 }
```

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

```
.background{ background-color:#B02152 }
```

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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