

# Converting Colors

Hex(B3154B)

Have a look what the booklet for  
Hex(B3154B) contains.

<b>Hex(B3154B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(B3154B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3154B
RGB	179, 21, 75
RGB Percent	70%, 8%, 29%
CMY	0.2980, 0.9176, 0.7059
CMYK	0.00, 0.88, 0.58, 0.30
HSL	339°, 79%, 39%
HSV	339°, 88%, 70%
XYZ	20.1286, 10.6280, 7.6471
YIQ	74.3980, 76.8340, 50.2900

# Conversions

## Conversions Part 2

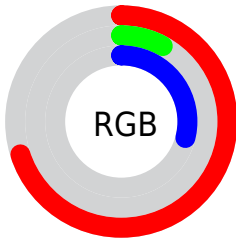
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 21, 75
Decimal	11736395
CIE Lab	38.95, 61.19, 12.22
CIE LCh	39, 62.399, 11.293
Yxy	10.6280, 0.5241, 0.2767
Android (android.graphics.Color)	4289926475 (0xFFB3154B)
YUV	74.3980, 0.2968, 91.7360
Hunter-Lab	32.6007, 53.1598, 8.9128

# Details

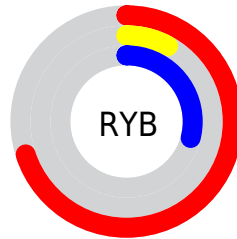
The Hex color **B3154B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **15B37D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F0587B**, and **770020** is the 20% darker color. If you saturate the color by 10%, you get **B3033F**, and if you desaturate by 10%, it is **B32757**.

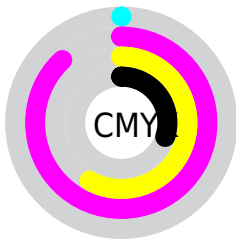
# Distribution



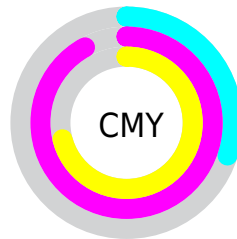
- Red (70%)
- Green (8%)
- Blue (29%)



- Red (70%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (88%)
- Yellow (58%)
- Black (30%)



- Cyan (30%)
- Magenta (92%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3154B 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 B3154B by changing the saturation by 10% instead.



 B3154B

 B3154B

FFFFFF

 950035

 F0587B

 770020

 FF7495

 5A0008

 FF91B0

 3E0003

 FFADCB

 1B0001

 FFCAE7

 000000

 FFE7FF

 B3154B

 B3154B

 B3033F

 B32757

 B3003D

 B33963

 B34B6E

 B35D7A

 B36E86

 B38092

 B3929D

 B3A4A9

 B3B6B5

# Harmonies

## Analogous

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



A4237D



B3154B



A7321A

# Triad

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



B3154B



1F6A00



006ABD

# Complementary

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



B3154B



15B37D

# 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.



00709E



B3154B



006F39

# Square

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



B3154B



5F6000



00716E



005CC1

# Rectangle

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



B3154B



954500



00716E



006DB5



# Sweetspot

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



B3154B



E8ACC0



7C15B3



75515D



F5F5F5



757575



# Same Dimension

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



B3154B



E8004F



B32D15



595053



990034



1A0009



# Inverse Universe

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



B3154B



E8004F



159BB3



595053



990034



1A0009



# Previews

## White Background



This preview shows how the Hex color B3154B looks on a white background.

## Color Contrast Check

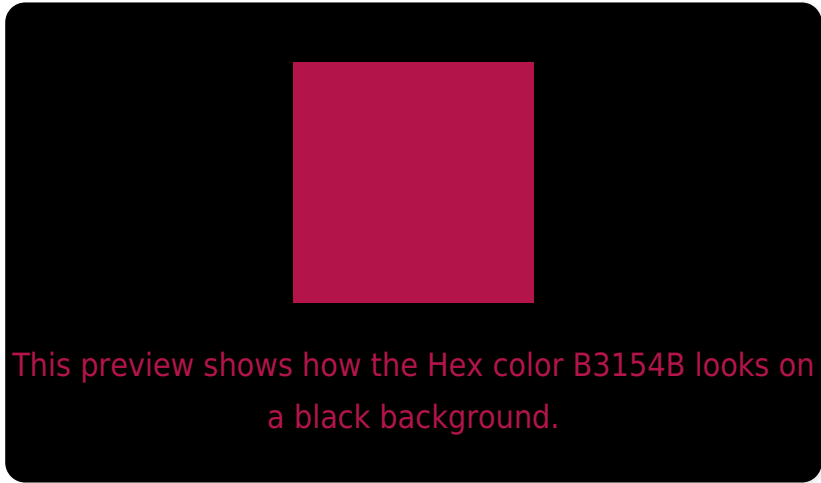
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3154B Background



This preview shows how black text looks on a background with the Hex color B3154B.

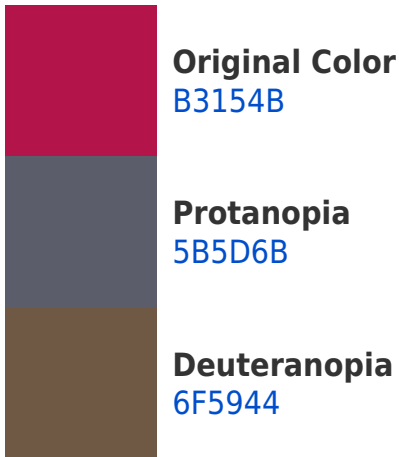


This preview shows how white text looks on a background with the Hex color B3154B.

# 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**  
B3154B

**Protanomaly**  
7B435F

**Deuteranomaly**  
884047

**Tritanomaly**  
B21E32

# Monochromacy



**Original Color**  
B3154B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
70374A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3154B 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 #B3154B looks like.

```
.text, #text, p{  
    color:#B3154B  
}
```

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 #B3154B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3154B
}
```

## Border

The CSS property to change the border of an element to Hex B3154B is called "border". The border property can be set on classes, ids or directly on the HTML element.

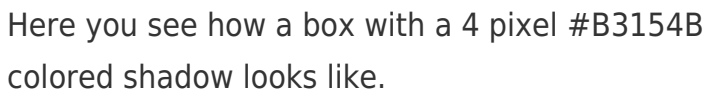
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3154B }
```

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

```
.border{ border-color:#B3154B }
```

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



Here you see how a box with a 4 pixel `#B3154B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3154B; -webkit-box-shadow:4px 4px  
4px 4px #B3154B; box-shadow:4px 4px 4px  
4px #B3154B }
```

# Background

The CSS property to change the background color of an element to Hex B3154B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3154B }
```

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

```
.background{ background-color:#B3154B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**