

# Converting Colors

Hex(B33443)

Have a look what the booklet for  
Hex(B33443) contains.

<b>Hex(B33443)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B33443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B33443
RGB	179, 52, 67
RGB Percent	70%, 20%, 26%
CMY	0.2980, 0.7961, 0.7373
CMYK	0.00, 0.71, 0.63, 0.30
HSL	353°, 55%, 45%
HSV	353°, 71%, 70%
XYZ	20.8315, 12.4449, 6.6144
YIQ	91.6830, 70.8770, 31.5890

# Conversions

## Conversions Part 2

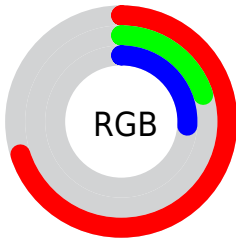
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 52, 67
Decimal	11744323
CIE <sub>Lab</sub>	41.91, 51.83, 21.23
CIE <sub>LCh</sub>	42, 56.009, 22.277
Yxy	12.4449, 0.5222, 0.3120
Android (android.graphics.Color)	4289934403 (0xFFB33443)
YUV	91.6830, -12.1687, 76.5770
Hunter-Lab	35.2774, 43.6700, 13.5775

# Details

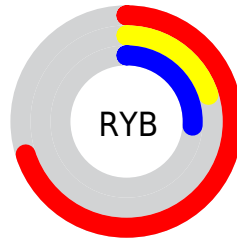
The Hex color **B33443** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34B3A4**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F06B73**, and **780019** is the 20% darker color. If you saturate the color by 10%, you get **B32233**, and if you desaturate by 10%, it is **B34653**.

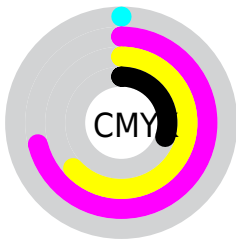
# Distribution



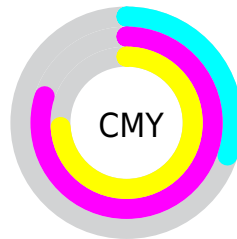
- Red (70%)
- Green (20%)
- Blue (26%)



- Red (70%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (63%)
- Black (30%)



- Cyan (30%)
- Magenta (80%)
- Yellow (74%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B33443 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 B33443 by changing the saturation by 10% instead.



 B33443

 B33443

FFFFFF

 95132D

 F06B73

 780019

 FF868C

 5B0000

 FFA2A7

 3F0002

 FFBE2

 1F0001

 FFDBDE

 000000

 FFF9FA

 B33443

 B33443

 B32233

 B34653

 B31023

 B35863

 B30015

 B36A72

 B37C82

 B38E92

 B39FA2

 B3B1B2

 B3C3C1

 B3D5D1

# Harmonies

## Analogous

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



AE3171



B33443



A24918

# Triad

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



B33443



097325



006CBF

# Complementary

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



B33443



34B3A4

# 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.



0075AB



B33443



007755

# Square

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



B33443



576B00



007885



465CB9

# Rectangle

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



B33443



8E5700



007885



0070BB



# Sweetspot

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



B33443



E8B7BD



A234B3



75585B



F5F5F5



757575



# Same Dimension

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



B33443



E8233A



B36334



595051



990012



1A0003



# Inverse Universe

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



B33443



E8233A



3484B3



595051



990012



1A0003



# Previews

## White Background



This preview shows how the Hex color B33443 looks on a white background.

## Color Contrast Check

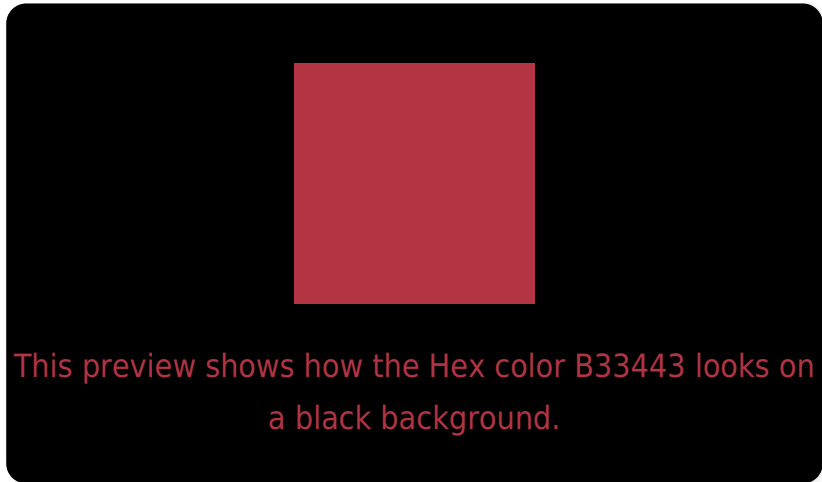
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33443 Background



This preview shows how black text looks on a background with the Hex color B33443.

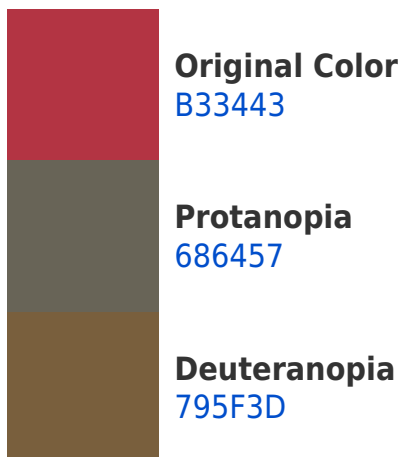


This preview shows how white text looks on a background with the Hex color B33443.

# Color Blindness Simulation

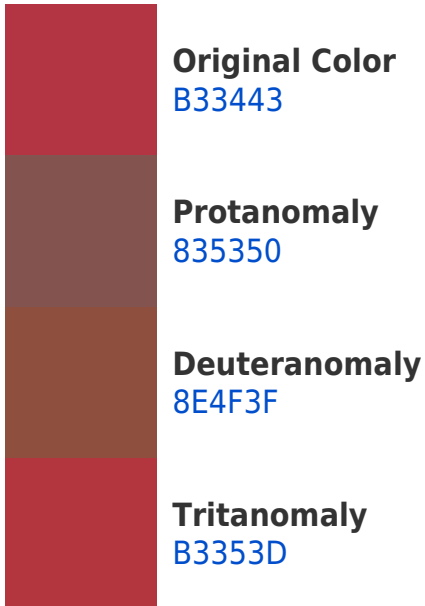
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B33443 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 #B33443 looks like.

```
.text, #text, p{  
    color:#B33443  
}
```

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 #B33443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33443
}
```

## Border

The CSS property to change the border of an element to Hex B33443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

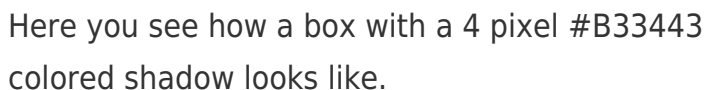
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33443 }
```

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

```
.border{ border-color:#B33443 }
```

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



Here you see how a box with a 4 pixel #B33443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33443; -webkit-box-shadow:4px 4px  
4px 4px #B33443; box-shadow:4px 4px 4px  
4px #B33443 }
```

# Background

The CSS property to change the background color of an element to Hex B33443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33443 }
```

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

```
.background{ background-color:#B33443 }
```

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