

Converting Colors

Hex(B33246)

Have a look what the booklet for
Hex(B33246) contains.

Hex(B33246)	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(B33246)

Conversions

Conversions Part 1

Format	Color
Hex	B33246
RGB	179, 50, 70
RGB Percent	70%, 20%, 27%
CMY	0.2980, 0.8039, 0.7255
CMYK	0.00, 0.72, 0.61, 0.30
HSL	351°, 56%, 45%
HSV	351°, 72%, 70%
XYZ	20.8365, 12.3071, 7.0717
YIQ	90.8510, 70.4640, 33.5680

Conversions

Conversions Part 2

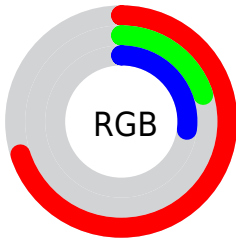
Format	Color
R_{YB}	179, 50, 70
Decimal	11743814
CIE Lab	41.70, 52.78, 19.09
CIE LCh	42, 56.124, 19.886
Yxy	12.3071, 0.5181, 0.3060
Android (android.graphics.Color)	4289933894 (0xFFB33246)
YUV	90.8510, -10.2795, 77.3067
Hunter-Lab	35.0815, 44.6267, 12.6055

Details

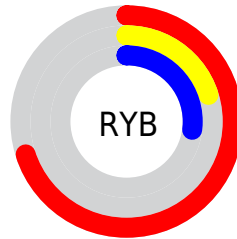
The Hex color **B33246** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **32B39F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F06A76**, and **78001B** is the 20% darker color. If you saturate the color by 10%, you get **B32037**, and if you desaturate by 10%, it is **B34455**.

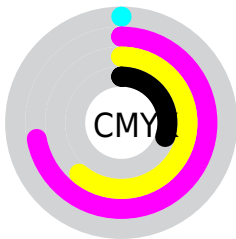
Distribution



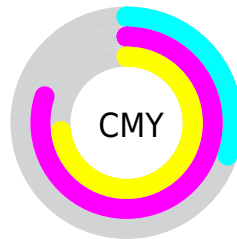
- Red (70%)
- Green (20%)
- Blue (27%)



- Red (70%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (80%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33246 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 B33246 by changing the saturation by 10% instead.

 B33246

 B33246

FFFFFF

 950F30

 F06A76

 78001B

 FF8590

 5B0001

 FFA1AA

 3F0002

 FFBDC5

 1F0001

 FFDAE1

 000000

 FFF7FE

 B33246

 B33246

 B32037

 B34455

 B30E28

 B35664

 B3001C

 B36873

 B37A82

 B38B92

 B39DA1

 B3AFB0

 B3C1BF

 B3D3CE

Harmonies

Analogous

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



AC3274



B33246



A3461B

Triad

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



B33246



177221



006CBE

Complementary

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



B33246



32B39F

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.



0075A9



B33246



007651

Square

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



B33246



5A6900



007781



3C5DBA

Rectangle

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



B33246



905400



007781



0070B9

Sweetspot

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



B33246



E8B5BD



9E32B3



75575C



F5F5F5



757575

Same Dimension

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



B33246



E8203F



B35D32



595052



990018



1A0004

Inverse Universe

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



B33246



E8203F



3288B3



595052



990018



1A0004

Previews

White Background



This preview shows how the Hex color B33246 looks on a white background.

Color Contrast Check

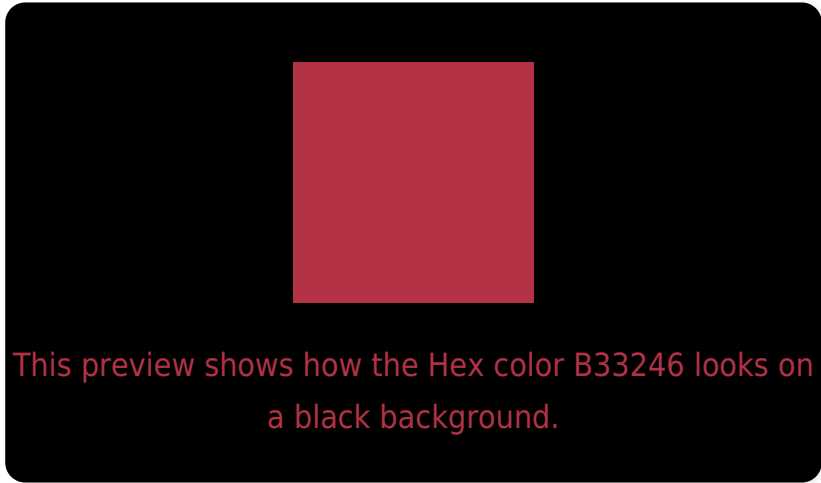
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33246 Background



This preview shows how black text looks on a background with the Hex color B33246.



This preview shows how white text looks on a background with the Hex color B33246.

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
B33246

Protanopia
67635C

Deuteranopia
785F40

Trichromacy



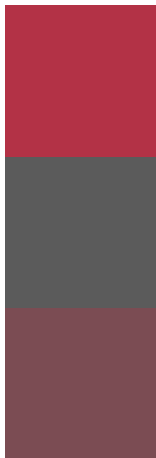
Original Color
B33246

Protanomaly
835154

Deuteranomaly
8D4F42

Tritanomaly
B2343C

Monochromacy



Original Color
B33246

Achromatopsia
5B5B5B

Achromatomaly
7B4C53

CSS Examples

Text

The CSS property to change the color of the text to Hex B33246 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 #B33246 looks like.

```
.text, #text, p{  
    color:#B33246  
}
```

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 #B33246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33246
}
```

Border

The CSS property to change the border of an element to Hex B33246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

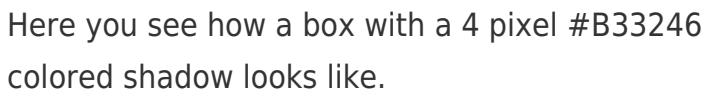
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33246 }
```

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

```
.border{ border-color:#B33246 }
```

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



Here you see how a box with a 4 pixel #B33246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33246; -webkit-box-shadow:4px 4px  
4px 4px #B33246; box-shadow:4px 4px 4px  
4px #B33246 }
```

Background

The CSS property to change the background color of an element to Hex B33246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33246 }
```

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

```
.background{ background-color:#B33246 }
```

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