

Converting Colors

Hex(B3315C)

Have a look what the booklet for
Hex(B3315C) contains.

Hex(B3315C)	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(B3315C)

Conversions

Conversions Part 1

Format	Color
Hex	B3315C
RGB	179, 49, 92
RGB Percent	70%, 19%, 36%
CMY	0.2980, 0.8078, 0.6392
CMYK	0.00, 0.73, 0.49, 0.30
HSL	340°, 57%, 45%
HSV	340°, 73%, 70%
XYZ	21.6205, 12.5530, 11.4087
YIQ	92.7720, 63.6770, 40.9330

Conversions

Conversions Part 2

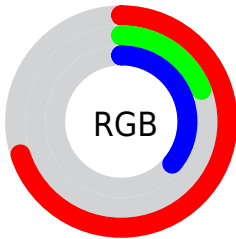
Format	Color
R_{YB}	179, 49, 92
Decimal	11743580
CIE _{Lab}	42.08, 54.87, 5.85
CIE _{LCh}	42, 55.178, 6.090
Yxy	12.5530, 0.4743, 0.2754
Android (android.graphics.Color)	4289933660 (0xFFB3315C)
YUV	92.7720, -0.3806, 75.6220
Hunter-Lab	35.4303, 46.9225, 5.7096

Details

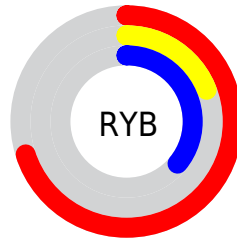
The Hex color **B3315C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **31B388**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **EF698E**, and **79002F** is the 20% darker color. If you saturate the color by 10%, you get **B31F50**, and if you desaturate by 10%, it is **B34368**.

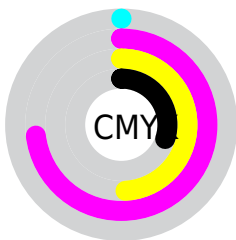
Distribution



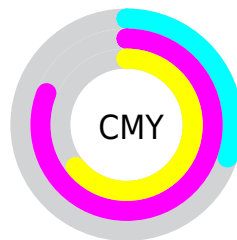
- Red (70%)
- Green (19%)
- Blue (36%)



- Red (70%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (73%)
- Yellow (49%)
- Black (30%)



- Cyan (30%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3315C 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 B3315C by changing the saturation by 10% instead.

 B3315C

 B3315C

FFFFFF

 960B45

 EF698E

 79002F

 FF85A8

 5C001A

 FFA1C3

 420002

 FFBDDF

 230001

 FFDAFC

 000000

 FFF7FF

 B3315C

 B3315C

 B31F50

 B34368

 B30D44

 B35574

 B3003B

 B36780

 B3798C

 B38B98

 B39CA4

 B3AEB0

 B3C0BC

 B3D2C8

Harmonies

Analogous

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



A03C89



B3315C



AD3E30

Triad

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



B3315C



3F6F0B



0072B6

Complementary

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



B3315C



31B388

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.



007798



B3315C



00753C

Square

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



B3315C



706400



00786C



0066BE

Rectangle

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



B3315C



9E4C14



00786C



0074AF

Sweetspot

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



B3315C



E8B5C6



8831B3



755761



F5F5F5



757575

Same Dimension

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



B3315C



E81E61



B34731



595053



990033



1A0008

Inverse Universe

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



B3315C



E81E61



319DB3



595053



990033



1A0008

Previews

White Background



This preview shows how the Hex color B3315C looks on a white background.

Color Contrast Check

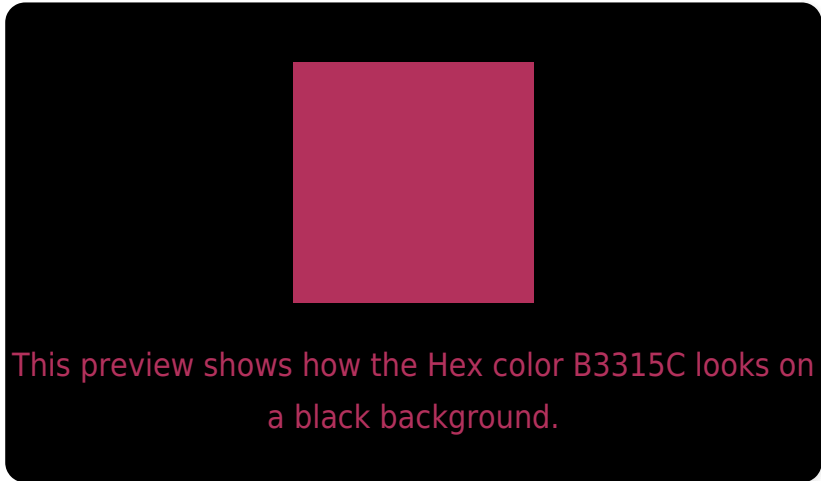
Large Text (above 18pt) WCAG AA ✓ Pass

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

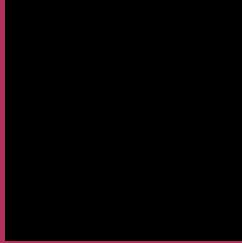
Any Text WCAG AA × Fail

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 B3315C Background



This preview shows how black text looks on a background with the Hex color B3315C.

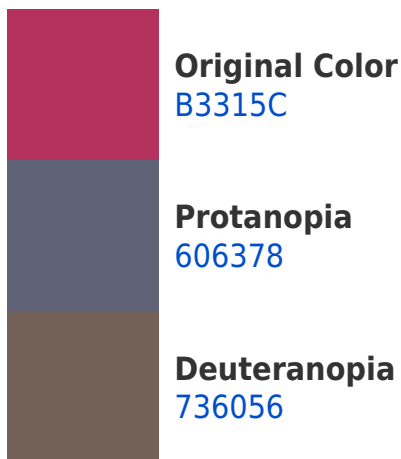


This preview shows how white text looks on a background with the Hex color B3315C.

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



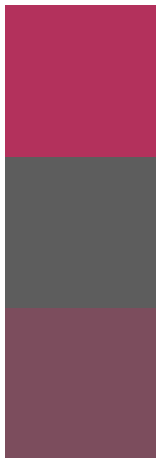
Original Color
B3315C

Protanomaly
7E516E

Deuteranomaly
8A4F58

Tritanomaly
B23648

Monochromacy



Original Color
B3315C

Achromatopsia
5D5D5D

Achromatomaly
7C4D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex B3315C 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 #B3315C looks like.

```
.text, #text, p{  
  color:#B3315C  
}
```

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 #B3315C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3315C
}
```

Border

The CSS property to change the border of an element to Hex B3315C is called "border". The border property can be set on classes, ids or directly on the HTML element.

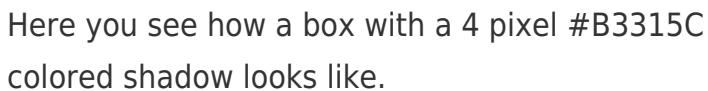
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3315C }
```

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

```
.border{ border-color:#B3315C }
```

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



Here you see how a box with a 4 pixel `#B3315C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3315C; -webkit-box-shadow:4px 4px  
4px 4px #B3315C; box-shadow:4px 4px 4px  
4px #B3315C }
```

Background

The CSS property to change the background color of an element to Hex B3315C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3315C }
```

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

```
.background{ background-color:#B3315C }
```

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