

Converting Colors

Hex(B3370E)

Have a look what the booklet for
Hex(B3370E) contains.

Hex(B3370E)	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(B3370E)

Conversions

Conversions Part 1

Format	Color
Hex	B3370E
RGB	179, 55, 14
RGB Percent	70%, 22%, 5%
CMY	0.2980, 0.7843, 0.9451
CMYK	0.00, 0.69, 0.92, 0.30
HSL	15°, 85%, 38%
HSV	15°, 92%, 70%
XYZ	20.0359, 12.3478, 1.7428
YIQ	87.4020, 87.0650, 13.5370

Conversions

Conversions Part 2

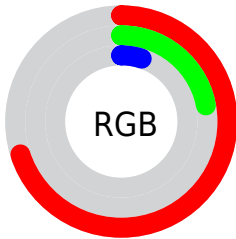
Format	Color
R _Y B	179, 69, 14
Decimal	11745038
CIE Lab	41.76, 48.59, 49.19
CIE LCh	42, 69.143, 45.350
Yxy	12.3478, 0.5871, 0.3618
Android (android.graphics.Color)	4289935118 (0xFFB3370E)
YUV	87.4020, -36.1872, 80.3314
Hunter-Lab	35.1394, 40.2835, 21.6570

Details

The Hex color **B3370E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0E8AB3**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F26D3F**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B32C00**, and if you desaturate by 10%, it is **B34420**.

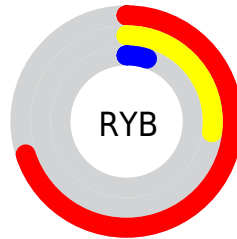
Distribution



Red (70%)

Green (22%)

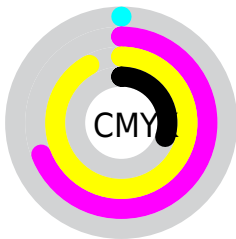
Blue (5%)



Red (70%)

Yellow (27%)

Blue (5%)

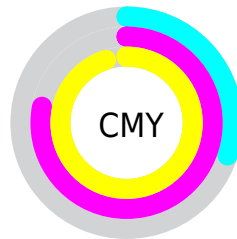


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (30%)



Cyan (30%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3370E 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 B3370E by changing the saturation by 10% instead.

 B3370E

 B3370E

 FFFFFB

 941900

 F26D3F

 760000

 FF8858

 570000

 FFA371

 3C0001

 FFBF8C

 1A0001

 FFDC A6

 000000

 FFF9C2

 FFFFDE

 B3370E

 B3370E

 B32C00

 B34420

 B35232

 B35F44

 B36D56

 B37A68

 B38879

 B3958B

 B3A39D

 B3B0AF

Harmonies

Analogous

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



C30A48



B3370E



8F5600

Triad

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



B3370E



007944



0060D2

Complementary

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



B3370E



0E8AB3

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.



0071D2



B3370E



007A7F

Square

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



B3370E



007400



0079B3



8742B4

Rectangle

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



B3370E



706400



0079B3



0067D6

Sweetspot

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



B3370E



E8B7A7



B30E8C



75574D



F5F5F5



757575

Same Dimension

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



B3370E



E83A00



B3870E



595350



992600



1A0600

Inverse Universe

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



0E8AB3



00AEE8



0E3AB3



505759



007399



00131A

Previews

White Background



This preview shows how the Hex color B3370E looks on a white background.

Color Contrast Check

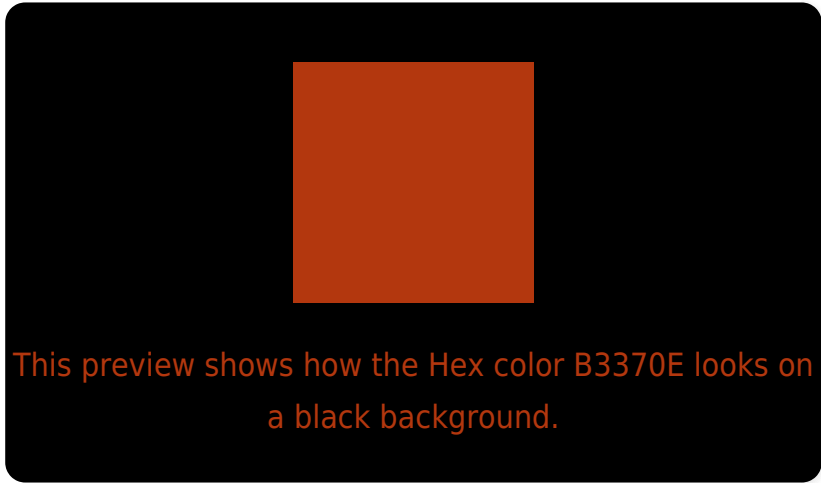
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3370E Background



This preview shows how black text looks on a background with the Hex color B3370E.



This preview shows how white text looks on a background with the Hex color B3370E.

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
B3370E

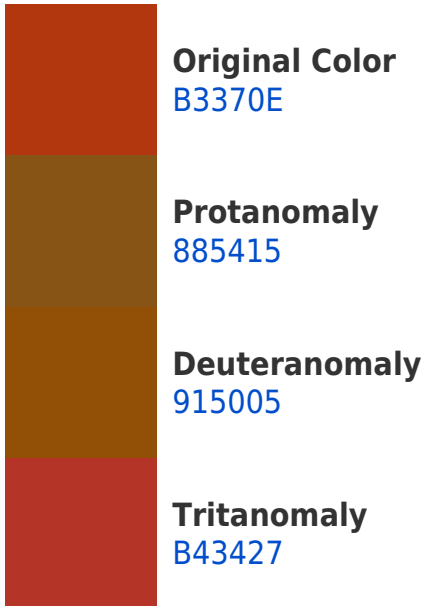
Protanopia
706419

Deuteranopia
7E5E00



Tritanopia
B43336

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3370E 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 #B3370E looks like.

```
.text, #text, p{  
    color:#B3370E  
}
```

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 #B3370E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3370E
}
```

Border

The CSS property to change the border of an element to Hex B3370E is called "border". The border property can be set on classes, ids or directly on the HTML element.

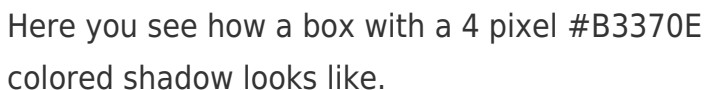
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3370E }
```

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

```
.border{ border-color:#B3370E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B3370E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3370E; -webkit-box-shadow:4px 4px  
4px 4px #B3370E; box-shadow:4px 4px 4px  
4px #B3370E }
```

Background

The CSS property to change the background color of an element to Hex B3370E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3370E }
```

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

```
.background{ background-color:#B3370E }
```

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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