

Converting Colors

Hex(B34137)

Have a look what the booklet for
Hex(B34137) contains.

Hex(B34137)	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(B34137)

Conversions

Conversions Part 1

Format	Color
Hex	B34137
RGB	179, 65, 55
RGB Percent	70%, 25%, 22%
CMY	0.2980, 0.7451, 0.7843
CMYK	0.00, 0.64, 0.69, 0.30
HSL	5°, 53%, 46%
HSV	5°, 69%, 70%
XYZ	21.1703, 13.6401, 5.1314
YIQ	97.9460, 71.1540, 21.0580

Conversions

Conversions Part 2

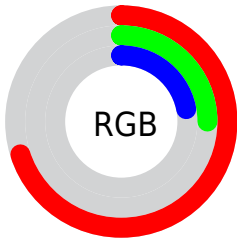
Format	Color
R _Y B	179, 66, 55
Decimal	11747639
CIE Lab	43.71, 45.71, 30.71
CIE LCh	44, 55.065, 33.898
Yxy	13.6401, 0.5300, 0.3415
Android (android.graphics.Color)	4289937719 (0xFFB34137)
YUV	97.9460, -21.1724, 71.0844
Hunter-Lab	36.9326, 37.6869, 17.6150

Details

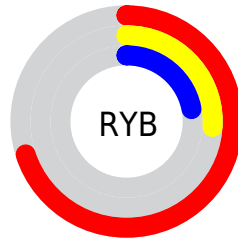
The Hex color **B34137** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37A9B3**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F07666**, and **77010C** is the 20% darker color. If you saturate the color by 10%, you get **B33125**, and if you desaturate by 10%, it is **B35149**.

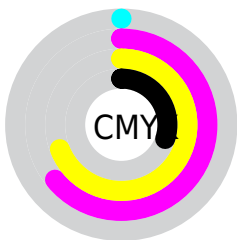
Distribution



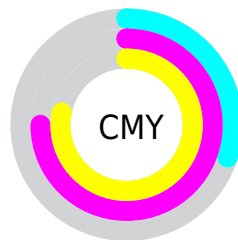
- Red (70%)
- Green (25%)
- Blue (22%)



- Red (70%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (69%)
- Black (30%)



- Cyan (30%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34137 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 B34137 by changing the saturation by 10% instead.

 B34137

 B34137

FFFFFF

 952621

 F07666

 77010C

 FF917F

 5B0000

 FFAD9A

 3E0000

 FFC9B4

 200001

 FFE5D0

 000000

 FFFFEC

 B34137


 B34137

 B33125

 B35149

 B32013

 B3625B

 B31001

 B3726D

 B30E00

 B3837F

 B39391

 B3A4A2

 B3B4B4

 B3C5C6

 B3D5D8

Harmonies

Analogous

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



B73663



B34137



9C560C

Triad

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



B34137



00793D



006BC3

Complementary

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



B34137



37A9B3

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.



0076B9



B34137



007C6C

Square

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



B34137



48730D



007B99



6E58B4

Rectangle

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



B34137



846200



007B99



0070C3

Sweetspot

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



B34137



E8BBB7



B337AB



755A58



F5F5F5



757575

Same Dimension

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



B34137



E83727



B37D37



595150



990C00



1A0200

Inverse Universe

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



37A9B3



27D9E8



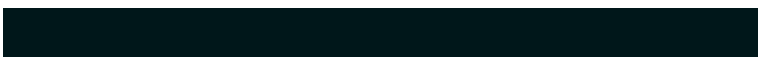
376DB3



505959



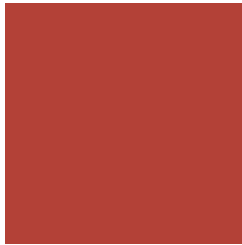
008D99



00171A

Previews

White Background



This preview shows how the Hex color B34137 looks on a white background.

Color Contrast Check

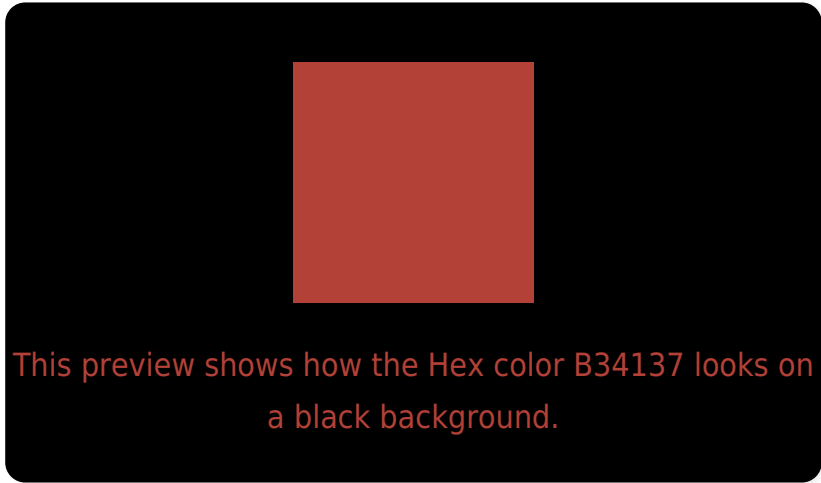
Large Text (above 18pt) WCAG AA ✓ Pass

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 B34137 Background



This preview shows how black text looks on a background with the Hex color B34137.



This preview shows how white text looks on a background with the Hex color B34137.

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](#).

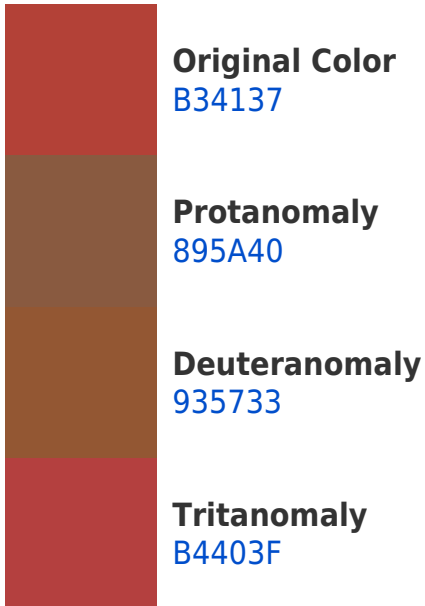
Dichromacy





Tritanopia
B43F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34137 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 #B34137 looks like.

```
.text, #text, p{  
    color:#B34137  
}
```

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 #B34137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34137
}
```

Border

The CSS property to change the border of an element to Hex B34137 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".

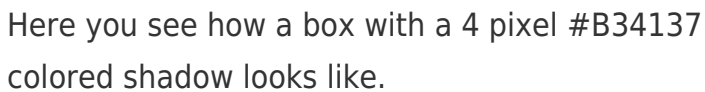
```
.border, #border, table{ border:4px solid
#B34137 }
```

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

```
.border{ border-color:#B34137 }
```

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

Here you see how a box with a 4 pixel #B34137 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34137; -webkit-box-shadow:4px 4px  
4px 4px #B34137; box-shadow:4px 4px 4px  
4px #B34137 }
```

Background

The CSS property to change the background color of an element to Hex B34137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34137 }
```

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

```
.background{ background-color:#B34137 }
```

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