

Converting Colors

Hex(B50E37)

Have a look what the booklet for
Hex(B50E37) contains.

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Color

Hex(B50E37)

Conversions

Conversions Part 1

Format	Color
Hex	B50E37
RGB	181, 14, 55
RGB Percent	71%, 5%, 22%
CMY	0.2902, 0.9451, 0.7843
CMYK	0.00, 0.92, 0.70, 0.29
HSL	345°, 86%, 38%
HSV	345°, 92%, 71%
XYZ	19.9027, 10.4137, 4.5755
YIQ	68.6070, 86.3710, 48.1550

Conversions

Conversions Part 2

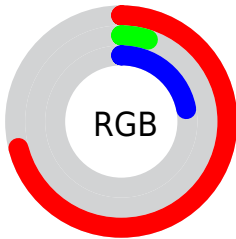
Format	Color
R_{YB}	181, 14, 55
Decimal	11865655
CIE _{Lab}	38.57, 61.68, 24.56
CIE _{LCh}	39, 66.386, 21.715
Yxy	10.4137, 0.5704, 0.2985
Android (android.graphics.Color)	4290055735 (0xFFB50E37)
YUV	68.6070, -6.7083, 98.5687
Hunter-Lab	32.2702, 53.6171, 14.1826

Details

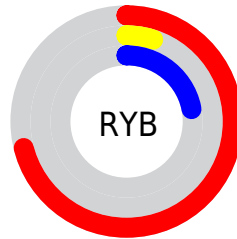
The Hex color **B50E37** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0EB58C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F45566**, and **78000D** is the 20% darker color. If you saturate the color by 10%, you get **B5002C**, and if you desaturate by 10%, it is **B52045**.

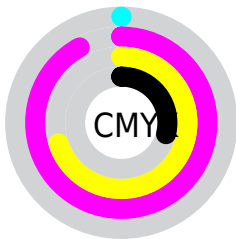
Distribution



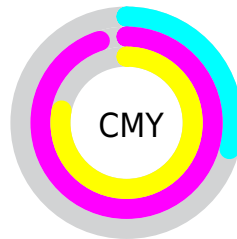
- Red (71%)
- Green (5%)
- Blue (22%)



- Red (71%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (92%)
- Yellow (70%)
- Black (29%)



- Cyan (29%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50E37 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 B50E37 by changing the saturation by 10% instead.

 B50E37

 B50E37

FFFFFF

 960022

 F45566

 78000D

 FF717E

 5A0000

 FF8E98

 3E0003

 FFAAB3

 190001

 FFC7CF

 000000

 FFE5EB

 B50E37

 B50E37

 B5002C

 B52045

 B53252

 B54460

 B5566E

 B5697B

 B57B89

 B58D97

 B59FA4

 B5B1B2

Harmonies

Analogous

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



B0036C



B50E37



A13900

Triad

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



B50E37



006C09



0066C7

Complementary

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



B50E37



0EB58C

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.



006FB0



B50E37



00704A

Square

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



B50E37



4A6400



007181



2153C0

Rectangle

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



B50E37



8A4C00



007181



006AC2

Sweetspot

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



B50E37



EBA9B9



8B0EB5



754D57



F5F5F5



757575

Same Dimension

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



B50E37



EB003A



B5380E



595053



990026



1A0006

Inverse Universe

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



B50E37



EB003A



0E8BB5



595053



990026



1A0006

Previews

White Background



This preview shows how the Hex color B50E37 looks on a white background.

Color Contrast Check

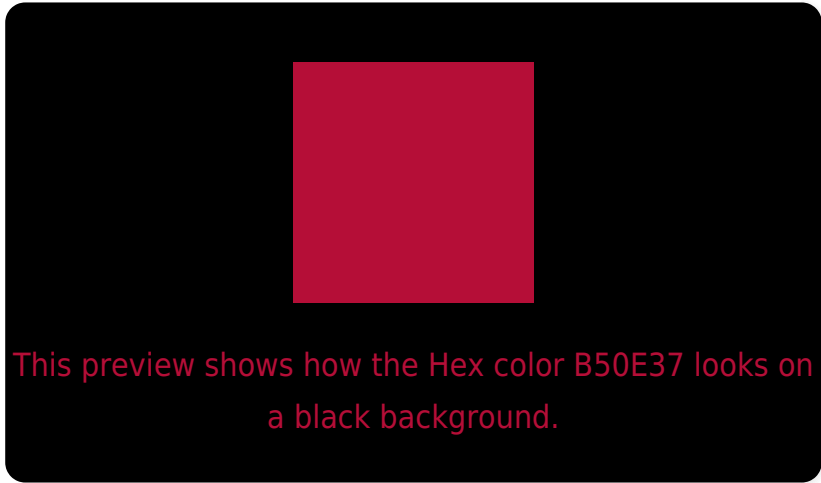
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50E37 Background



This preview shows how black text looks on a background with the Hex color B50E37.



This preview shows how white text looks on a background with the Hex color B50E37.

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
B50E37

Protanopia
615C51

Deuteranopia
72582E



Tritanopia
B41916

Trichromacy



Original Color
B50E37

Protanomaly
804048

Deuteranomaly
8A3D31

Tritanomaly
B41522

Monochromacy



Original Color
B50E37

Achromatopsia
454545

Achromatomaly
6E3140

CSS Examples

Text

The CSS property to change the color of the text to Hex B50E37 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 #B50E37 looks like.

```
.text, #text, p{  
    color:#B50E37  
}
```

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 #B50E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50E37
}
```

Border

The CSS property to change the border of an element to Hex B50E37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

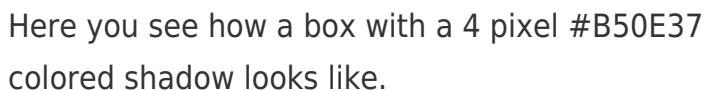
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50E37 }
```

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

```
.border{ border-color:#B50E37 }
```

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



Here you see how a box with a 4 pixel #B50E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50E37; -webkit-box-shadow:4px 4px  
4px 4px #B50E37; box-shadow:4px 4px 4px  
4px #B50E37 }
```

Background

The CSS property to change the background color of an element to Hex B50E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50E37 }
```

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

```
.background{ background-color:#B50E37 }
```

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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