

Converting Colors

Hex(B50E31)

Have a look what the booklet for
Hex(B50E31) contains.

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Color

Hex(B50E31)

Conversions

Conversions Part 1

Format	Color
Hex	B50E31
RGB	181, 14, 49
RGB Percent	71%, 5%, 19%
CMY	0.2902, 0.9451, 0.8078
CMYK	0.00, 0.92, 0.73, 0.29
HSL	347°, 86%, 38%
HSV	347°, 92%, 71%
XYZ	19.7675, 10.3596, 3.8635
YIQ	67.9230, 88.2970, 46.2890

Conversions

Conversions Part 2

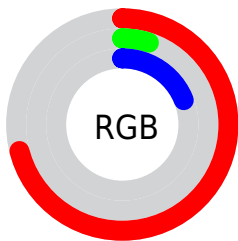
Format	Color
R_{YB}	181, 14, 49
Decimal	11865649
CIE Lab	38.48, 61.41, 28.21
CIE LCh	38, 67.579, 24.673
Yxy	10.3596, 0.5816, 0.3048
Android (android.graphics.Color)	4290055729 (0xFFB50E31)
YUV	67.9230, -9.3290, 99.1685
Hunter-Lab	32.1863, 53.3011, 15.4136

Details

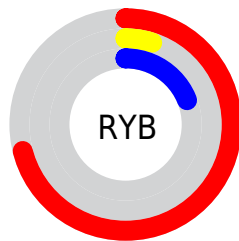
The Hex color **B50E31** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **0EB592**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F4555F**, and **780004** is the 20% darker color. If you saturate the color by 10%, you get **B50026**, and if you desaturate by 10%, it is **B5203F**.

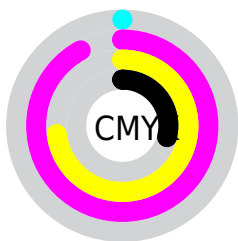
Distribution



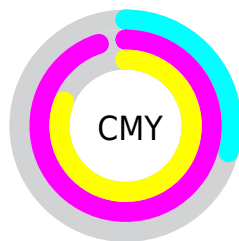
- Red (71%)
- Green (5%)
- Blue (19%)



- Red (71%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50E31 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 B50E31 by changing the saturation by 10% instead.

 B50E31

 B50E31

FFFFFF

 96001C

 F4555F

 780004

 FF7178

 590000

 FF8E91

 3D0003

 FFAAAC

 180001

 FFC7C7

 000000

 FFE4E3

 B50E31

 B50E31

 B50026

 B5203F

 B5324E

 B5445C

 B5566A

 B56979

 B57B87

 B58D95

 B59FA3

 B5B1B2

Harmonies

Analogous

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



B30067



B50E31



9E3B00

Triad

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



B50E31



006D10



0065C9

Complementary

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



B50E31



0EB592

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.



006FB4



B50E31



00704F

Square

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



B50E31



436500



007187



3451C0

Rectangle

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



B50E31



864E00



007187



0069C6

Sweetspot

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



B50E31



EBA9B7



910EB5



754D56



F5F5F5



757575

Same Dimension

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



B50E31



EB0031



B53D0E



595052



990020



1A0005

Inverse Universe

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



B50E31



EB0031



0E86B5



595052



990020



1A0005

Previews

White Background



This preview shows how the Hex color B50E31 looks on a white background.

Color Contrast Check

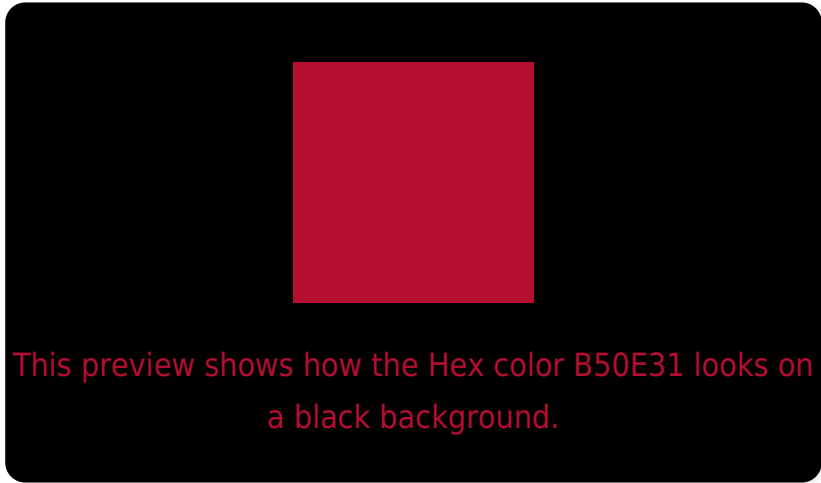
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50E31 Background



This preview shows how black text looks on a background with the Hex color B50E31.

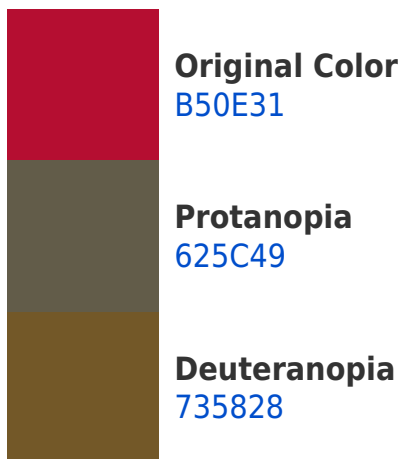



This preview shows how white text looks on a background with the Hex color B50E31.

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
B41714

Trichromacy



Original Color
B50E31

Protanomaly
804040

Deuteranomaly
8B3D2B

Tritanomaly
B4141F

Monochromacy



Original Color
B50E31

Achromatopsia
444444

Achromatomaly
6D303D

CSS Examples

Text

The CSS property to change the color of the text to Hex B50E31 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 #B50E31 looks like.

```
.text, #text, p{  
    color:#B50E31  
}
```

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 #B50E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50E31
}
```

Border

The CSS property to change the border of an element to Hex B50E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

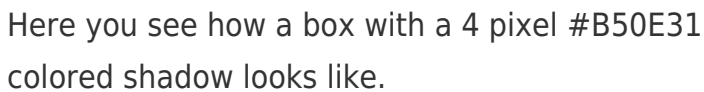
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50E31 }
```

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

```
.border{ border-color:#B50E31 }
```

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



Here you see how a box with a 4 pixel #B50E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50E31; -webkit-box-shadow:4px 4px  
4px 4px #B50E31; box-shadow:4px 4px 4px  
4px #B50E31 }
```

Background

The CSS property to change the background color of an element to Hex B50E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50E31 }
```

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

```
.background{ background-color:#B50E31 }
```

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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