

# Converting Colors

Hex(B50307)

Have a look what the booklet for  
Hex(B50307) contains.

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**Color**

**Hex(B50307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B50307
RGB	181, 3, 7
RGB Percent	71%, 1%, 3%
CMY	0.2902, 0.9882, 0.9725
CMYK	0.00, 0.98, 0.96, 0.29
HSL	359°, 97%, 36%
HSV	359°, 98%, 71%
XYZ	19.1270, 9.9042, 1.1046
YIQ	56.6780, 104.8040, 38.9800

# Conversions

## Conversions Part 2

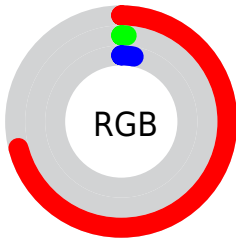
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 3, 7
Decimal	11862791
CIELab	37.67, 61.67, 49.24
CIELCh	38, 78.913, 38.606
Yxy	9.9042, 0.6347, 0.3287
Android (android.graphics.Color)	4290052871 (0xFFB50307)
YUV	56.6780, -24.4913, 109.0304
Hunter-Lab	31.4710, 53.4119, 19.9486

# Details

The Hex color **B50307** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **03B5B1**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **F65137**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B50004**, and if you desaturate by 10%, it is **B51519**.

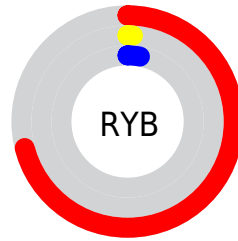
# Distribution



Red (71%)

Green (1%)

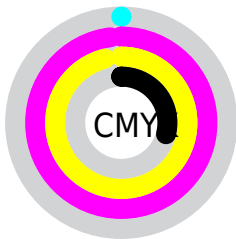
Blue (3%)



Red (71%)

Yellow (1%)

Blue (3%)

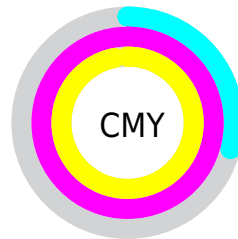


Cyan (0%)

Magenta (98%)

Yellow (96%)

Black (29%)



Cyan (29%)

Magenta (99%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B50307 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 B50307 by changing the saturation by 10% instead.



 B50307

 B50307

 FFFFFFF0

 950000

 F65137

 760000

 FF6D4F

 570000

 FF8A68

 3B0002

 FFA682

 130000

 FFC39C

 000000

 FFE0B7

 FFFED3

 B50307

 B50307

 B50004

 B51519

 B5272A

 B5393C

 B54B4E

 B55E5F

 B57071

 B58283

 B59495

 B5A6A6

# Harmonies

## Analogous

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



C2004A



B50307



914300

# Triad

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



B50307



006F25



005CDA

# Complementary

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



B50307



03B5B1

# 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.



006CD2



B50307



00716A

# Square

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



B50307



006900



0071A8



6A3BBE

# Rectangle

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



B50307



6F5600



0071A8



0063DB



# Sweetspot

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



B50307



EBA4A6



AF03B5



754B4C



F5F5F5



757575



# Same Dimension

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



B50307



EB0005



B55603



595051



990003



1A0001



# Inverse Universe

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



B50307



EB0005



0362B5



595051



990003



1A0001



# Previews

## White Background



This preview shows how the Hex color B50307 looks on a white background.

## Color Contrast Check

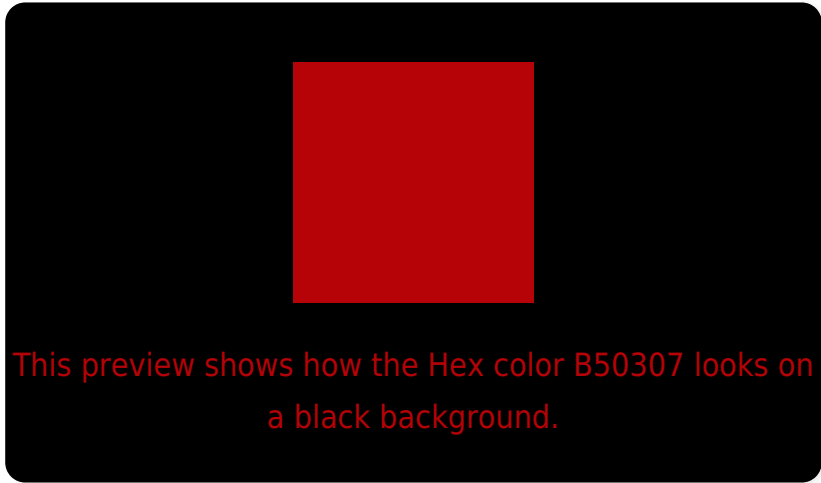
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B50307 Background



This preview shows how black text looks on a background with the Hex color B50307.



This preview shows how white text looks on a background with the Hex color B50307.

# 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**  
B50307

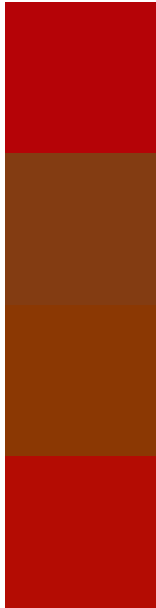
**Protanopia**  
675C19

**Deuteranopia**  
735700



**Tritanopia**  
B41100

# Trichromacy



**Original Color**  
B50307

**Protanomaly**  
833C12

**Deuteranomaly**  
8B3803

**Tritanomaly**  
B40C03

# Monochromacy



**Original Color**  
B50307

**Achromatopsia**  
393939

**Achromatomaly**  
662527

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B50307 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 #B50307 looks like.

```
.text, #text, p{  
  color:#B50307  
}
```

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 #B50307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50307
}
```

## Border

The CSS property to change the border of an element to Hex B50307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

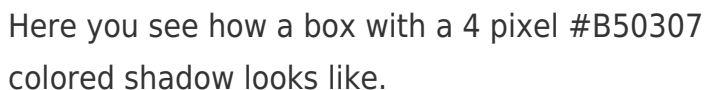
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50307 }
```

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

```
.border{ border-color:#B50307 }
```

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



Here you see how a box with a 4 pixel #B50307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50307; -webkit-box-shadow:4px 4px  
4px 4px #B50307; box-shadow:4px 4px 4px  
4px #B50307 }
```

# Background

The CSS property to change the background color of an element to Hex B50307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50307 }
```

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

```
.background{ background-color:#B50307 }
```

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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