

# Converting Colors

Hex(B1150B)

Have a look what the booklet for  
Hex(B1150B) contains.

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**Color**

**Hex(B1150B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B1150B
RGB	177, 21, 11
RGB Percent	69%, 8%, 4%
CMY	0.3059, 0.9176, 0.9569
CMYK	0.00, 0.88, 0.94, 0.31
HSL	4°, 88%, 37%
HSV	4°, 94%, 69%
XYZ	18.4600, 9.9076, 1.2560
YIQ	66.5040, 96.1860, 29.9620

# Conversions

## Conversions Part 2

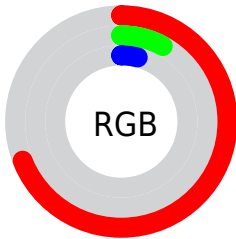
Format	Color
<b>RYB</b>	177, 22, 11
Decimal	11605259
CIELab	37.68, 58.19, 47.36
CIElCh	38, 75.028, 39.136
Yxy	9.9076, 0.6232, 0.3344
Android (android.graphics.Color)	4289795339 (0xFFB1150B)
YUV	66.5040, -27.3635, 96.9050
Hunter-Lab	31.4763, 49.6018, 19.6676

# Details

The Hex color **B1150B** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0BA7B1**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F1563A**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B10B00**, and if you desaturate by 10%, it is **B1261D**.

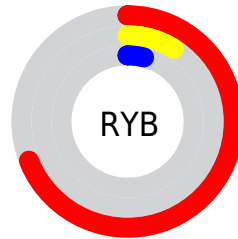
# Distribution



Red (69%)

Green (8%)

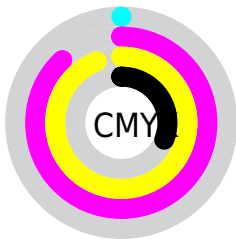
Blue (4%)



Red (69%)

Yellow (9%)

Blue (4%)

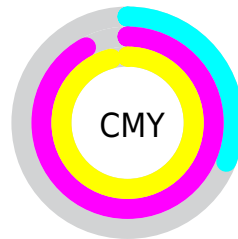


Cyan (0%)

Magenta (88%)

Yellow (94%)

Black (31%)



Cyan (31%)

Magenta (92%)


Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1150B 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 B1150B by changing the saturation by 10% instead.



 B1150B

 B1150B

 FFFFF4

 920000

 F1563A

 720000

 FF7253

 540000

 FF8E6B

 380002

 FFAA85

 0D0000

 FFC7A0

 000000

 FFE4BB

 FFFFD7

 B1150B

 B1150B

 B10B00

 B1261D

 B1362E

 B14740

 B15852

 B16864

 B17975

 B18987

 B19A99

 B1ABAA

# Harmonies

## Analogous

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



BE0049



B1150B



8E4500

# Triad

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



B1150B



006E29



005CD3

# Complementary

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



B1150B



0BA7B1

# 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.



006BCC



B1150B



00716A

# Square

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



B1150B



006900



0070A5



6C3CB8

# Rectangle

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



B1150B



6E5600



0070A5



0062D4



# Sweetspot

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



B1150B



E6A9A5



B10BA9



734E4C



F2F2F2



737373



# Same Dimension

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



B1150B



E60E00



B1660B



595150



990900



1A0200



# Inverse Universe

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



0BA7B1



00D8E6



0B56B1



505959



009099



00181A



# Previews

## White Background



This preview shows how the Hex color B1150B 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 B1150B Background



This preview shows how black text looks on a background with the Hex color B1150B.

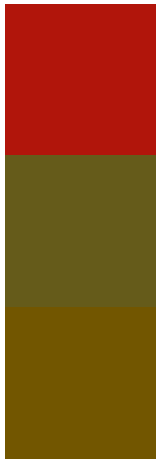


This preview shows how white text looks on a background with the Hex color B1150B.

# 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**  
B1150B

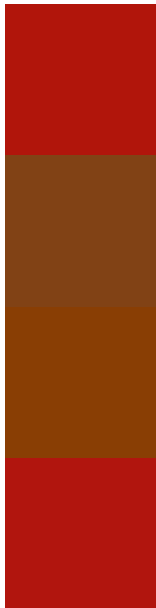
**Protanopia**  
655B1A

**Deuteranopia**  
725600



**Tritanopia**  
B11510

# Trichromacy



**Original Color**  
B1150B

**Protanomaly**  
814215

**Deuteranomaly**  
893E04

**Tritanomaly**  
B1150E

# Monochromacy



**Original Color**  
B1150B

**Achromatopsia**  
434343

**Achromatomaly**  
6B322F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1150B 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 #B1150B looks like.

```
.text, #text, p{  
    color:#B1150B  
}
```

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 #B1150B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1150B
}
```

## Border

The CSS property to change the border of an element to Hex B1150B is called "border". The border property can be set on classes, ids or directly on the HTML element.

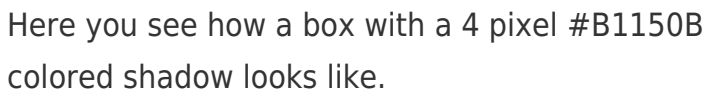
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1150B }
```

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

```
.border{ border-color:#B1150B }
```

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



Here you see how a box with a 4 pixel #B1150B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1150B; -webkit-box-shadow:4px 4px  
4px 4px #B1150B; box-shadow:4px 4px 4px  
4px #B1150B }
```

# Background

The CSS property to change the background color of an element to Hex B1150B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1150B }
```

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

```
.background{ background-color:#B1150B }
```

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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