

# Converting Colors

Hex(B9200B)

Have a look what the booklet for  
Hex(B9200B) contains.

<b>Hex(B9200B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B9200B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B9200B
RGB	185, 32, 11
RGB Percent	73%, 13%, 4%
CMY	0.2745, 0.8745, 0.9569
CMYK	0.00, 0.83, 0.94, 0.27
HSL	7°, 89%, 38%
HSV	7°, 94%, 73%
XYZ	20.5845, 11.3715, 1.4266
YIQ	75.3530, 97.9290, 25.9050

# Conversions

## Conversions Part 2

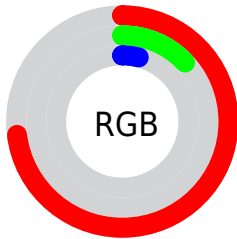
Format	Color
<b>R<sub>YB</sub></b>	185, 35, 11
Decimal	12132363
CIE Lab	40.20, 58.03, 49.75
CIE LCh	40, 76.431, 40.606
Yxy	11.3715, 0.6166, 0.3406
Android (android.graphics.Color)	4290322443 (0xFFB9200B)
YUV	75.3530, -31.7260, 96.1604
Hunter-Lab	33.7216, 49.9479, 21.0969

# Details

The Hex color **B9200B** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0BA4B9**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F95D3C**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B91600**, and if you desaturate by 10%, it is **B9301D**.

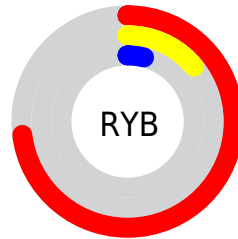
# Distribution



Red (73%)

Green (13%)

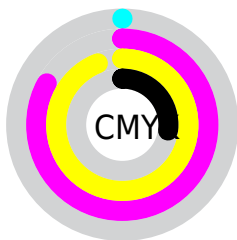
Blue (4%)



Red (73%)

Yellow (14%)

Blue (4%)

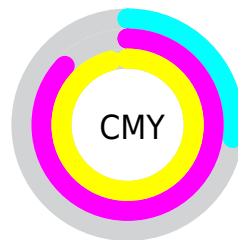


Cyan (0%)

Magenta (83%)

Yellow (94%)

Black (27%)



Cyan (27%)

Magenta (87%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9200B 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 B9200B by changing the saturation by 10% instead.



 B9200B

 B9200B

 FFFFF6

 9A0000

 F95D3C

 7A0000

 FF7954

 5B0000

 FF956D

 400003

 FFB187

 1D0001

 FFCEA2

 000000

 FFECBD

 FFFFD9

 B9200B

 B9200B

 B91600

 B9301D

 B94130

 B95142

 B96155

 B97167

 B9827A

 B9928C

 B9A29F

 B9B2B1

# Harmonies

## Analogous

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



C7004C



B9200B



944C00

# Triad

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



B9200B



007532



0060DC

# Complementary

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



B9200B



0BA4B9

# 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.



0071D6



B9200B



007874

# Square

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



B9200B



007000



0077B0



7840BF

# Rectangle

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



B9200B



735D00



0077B0



0067DE



# Sweetspot

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



B9200B



F0B5AD



B90BA5



78544F



F7F7F7



787878



# Same Dimension

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



B9200B



F01D00



B9760B



5C5453



9C1300



1C0300



# Inverse Universe

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



0BA4B9



00D3F0



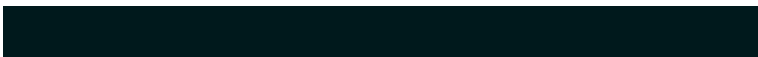
0B4EB9



535B5C



00899C



00191C



# Previews

## White Background



This preview shows how the Hex color B9200B looks on a white background.

## Color Contrast Check

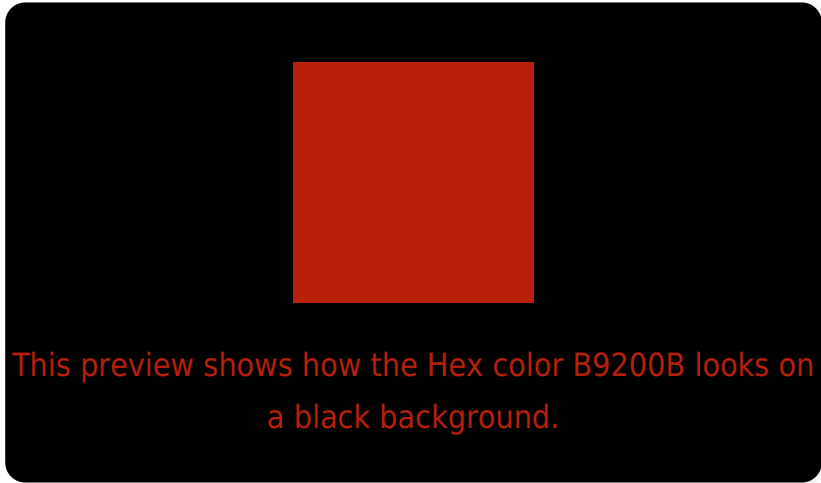
Large Text (above 18pt) WCAG AA ✓ Pass

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

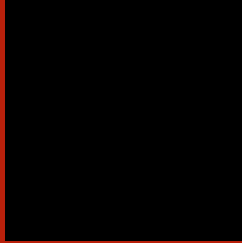
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9200B Background



This preview shows how black text looks on a background with the Hex color B9200B.



This preview shows how white text looks on a background with the Hex color B9200B.

# 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**  
B9200B

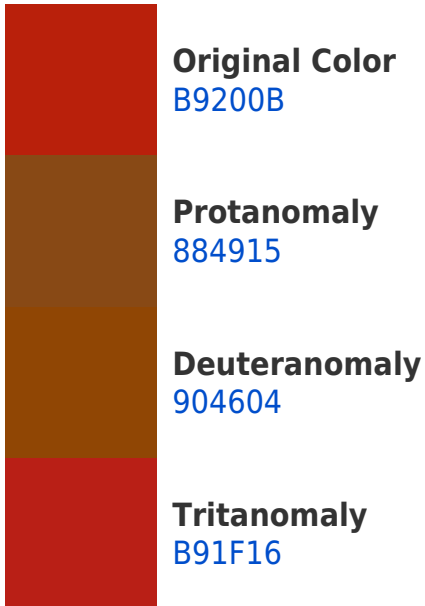
**Protanopia**  
6C601A

**Deuteranopia**  
795B00

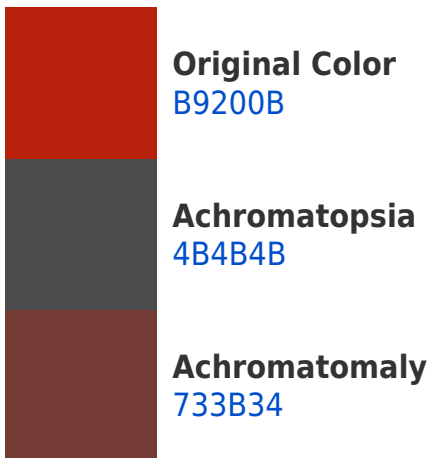


**Tritanopia**  
B91E1D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9200B 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 #B9200B looks like.

```
.text, #text, p{  
    color:#B9200B  
}
```

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 #B9200B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9200B
}
```

## Border

The CSS property to change the border of an element to Hex B9200B 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".

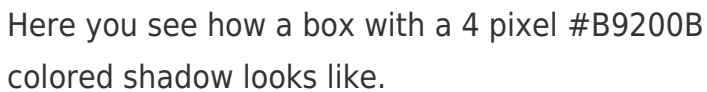
```
.border, #border, table{ border:4px solid
#B9200B }
```

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

```
.border{ border-color:#B9200B }
```

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

Here you see how a box with a 4 pixel #B9200B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9200B; -webkit-box-shadow:4px 4px  
4px 4px #B9200B; box-shadow:4px 4px 4px  
4px #B9200B }
```

# Background

The CSS property to change the background color of an element to Hex B9200B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9200B }
```

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

```
.background{ background-color:#B9200B }
```

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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