

# Converting Colors

Hex(B93200)

Have a look what the booklet for  
Hex(B93200) contains.

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**Color**

**Hex(B93200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B93200
RGB	185, 50, 0
RGB Percent	73%, 20%, 0%
CMY	0.2745, 0.8039, 1.0000
CMYK	0.00, 0.73, 1.00, 0.27
HSL	16°, 100%, 36%
HSV	16°, 100%, 73%
XYZ	21.1482, 12.5955, 1.3165
YIQ	84.6650, 96.5100, 13.0700

# Conversions

## Conversions Part 2

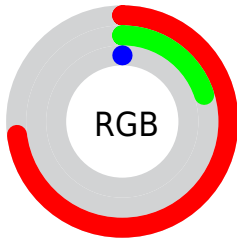
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 69, 0
Decimal	12136960
CIE Lab	42.15, 52.35, 54.35
CIE LCh	42, 75.458, 46.076
Yxy	12.5955, 0.6032, 0.3593
Android (android.graphics.Color)	4290327040 (0xFFB93200)
YUV	84.6650, -41.7398, 87.9938
Hunter-Lab	35.4901, 44.2585, 22.6437

# Details

The Hex color **B93200** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0087B9**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F96936**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B93200**, and if you desaturate by 10%, it is **B94012**.

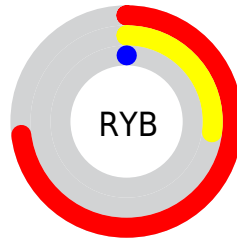
# Distribution



Red (73%)

Green (20%)

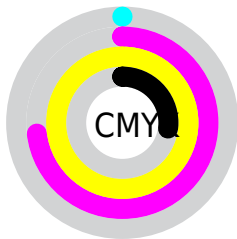
Blue (0%)



Red (73%)

Yellow (27%)

Blue (0%)

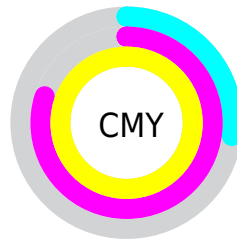


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93200 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 B93200 by changing the saturation by 10% instead.



 B93200

 B93200

 FFFFF2

 9A0F00

 F96936

 7A0000

 FF854F

 5C0000

 FFA069

 400002

 FFBD83

 200001

 FFD99D

 000000

 FFF7B9

 FFFF5D

 B93200

 B94012

 B94D25

 B95A38

 B9684A

 B9765D

 B9836F

 B99182

 B99E94

 B9ABA7

# Harmonies

## Analogous

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



CC0046



B93200



915600

# Triad

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



B93200



007B43



0060DD

# Complementary

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



B93200



0087B9

# 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.



0074DE



B93200



007D84

# Square

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



B93200



007600



007BBD



8C3DBB

# Rectangle

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



B93200



6F6500



007BBD



0068E1



# Sweetspot

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



B93200



F0BBA8



B90088



78584D



F7F7F7



787878



# Same Dimension

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



B93200



F04100



B98E00



5C5553



9C2A00



1C0800



# Inverse Universe

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



0087B9



00AFF0



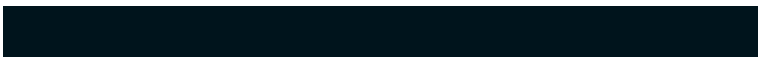
002BB9



53595C



00729C



00141C



# Previews

## White Background



This preview shows how the Hex color B93200 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 B93200 Background



This preview shows how black text looks on a background with the Hex color B93200.



This preview shows how white text looks on a background with the Hex color B93200.

# 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



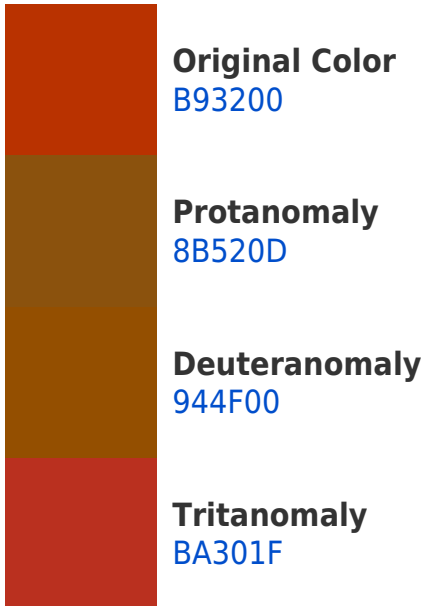
**Original Color**  
B93200

**Protanopia**  
716515

**Deuteranopia**  
7F6000



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93200 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 #B93200 looks like.

```
.text, #text, p{  
    color:#B93200  
}
```

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 #B93200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93200
}
```

## Border

The CSS property to change the border of an element to Hex B93200 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
#B93200 }
```

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

```
.border{ border-color:#B93200 }
```

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

Here you see how a box with a 4 pixel #B93200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93200; -webkit-box-shadow:4px 4px  
4px 4px #B93200; box-shadow:4px 4px 4px  
4px #B93200 }
```

# Background

The CSS property to change the background color of an element to Hex B93200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93200 }
```

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

```
.background{ background-color:#B93200 }
```

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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