

# Converting Colors

Hex(B9530A)

Have a look what the booklet for  
Hex(B9530A) contains.

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**Color**

**Hex(B9530A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B9530A
RGB	185, 83, 10
RGB Percent	73%, 33%, 4%
CMY	0.2745, 0.6745, 0.9608
CMYK	0.00, 0.55, 0.95, 0.27
HSL	25°, 90%, 38%
HSV	25°, 95%, 73%
XYZ	23.1556, 16.5227, 2.2559
YIQ	105.1760, 84.2250, -1.0790

# Conversions

## Conversions Part 2

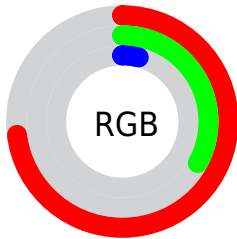
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 135, 10
Decimal	12145418
CIE Lab	47.65, 37.91, 54.82
CIE LCh	48, 66.649, 55.330
Yxy	16.5227, 0.5522, 0.3940
Android (android.graphics.Color)	4290335498 (0xFFB9530A)
YUV	105.1760, -46.9218, 70.0056
Hunter-Lab	40.6481, 30.5501, 25.1632

# Details

The Hex color **B9530A** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0A70B9**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F78741**, and **7C2100** is the 20% darker color. If you saturate the color by 10%, you get **B94D00**, and if you desaturate by 10%, it is **B95E1C**.

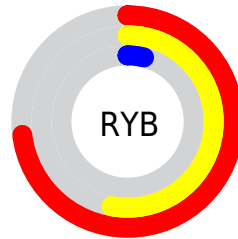
# Distribution



Red (73%)

Green (33%)

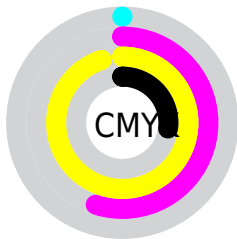
Blue (4%)



Red (73%)

Yellow (53%)

Blue (4%)

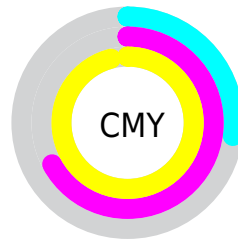


Cyan (0%)

Magenta (55%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9530A 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 B9530A by changing the saturation by 10% instead.



 B9530A

 B9530A

FFFFFF

 9A3A00

 F78741

 7C2100

 FFA25B

 5F0200

 FFBD75

 420000

 FFD98F

 290001

 FFF6AA

 000000

 FFFFC6

 FFFF E3

 B9530A

 B9530A

 B94D00

 B95E1C

 B9692F

 B97341

 B97E54

 B98967

 B99479

 B99E8B

 B9A99E

 B9B4B1

# Harmonies

## Analogous

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



D03645



B9530A



906C00

# Triad

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



B9530A



008966



5866D8

# Complementary

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



B9530A



0A70B9

# 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.



007BE2



B9530A



008AA0

# Square

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



B9530A



00852B



0086CD



AB48B2

# Rectangle

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



B9530A



6E7700



0086CD



066EDF



# Sweetspot

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



B9530A



F0C9AD



B90A70



78604F



F7F7F7



787878



# Same Dimension

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



B9530A



F06400



B9AA0A



5C5653



9C4100



1C0C00



# Inverse Universe

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



0A70B9



008CF0



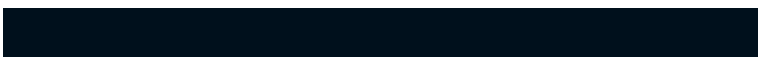
0A19B9



53585C



005B9C



00101C



# Previews

## White Background



This preview shows how the Hex color B9530A 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 B9530A Background



This preview shows how black text looks on a background with the Hex color B9530A.



This preview shows how white text looks on a background with the Hex color B9530A.

# 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**  
B9530A

**Protanopia**  
807214

**Deuteranopia**  
906C00

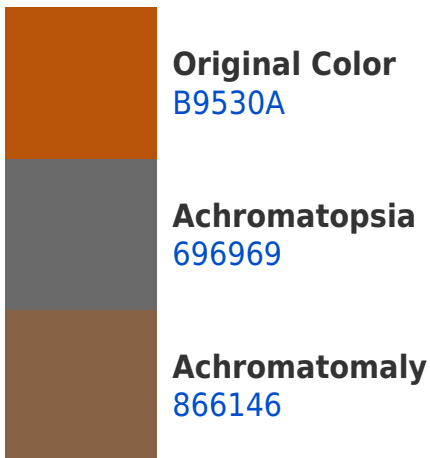


**Tritanopia**  
BB4D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9530A 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 #B9530A looks like.

```
.text, #text, p{  
    color:#B9530A  
}
```

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 #B9530A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9530A
}
```

## Border

The CSS property to change the border of an element to Hex B9530A 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
#B9530A }
```

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

```
.border{ border-color:#B9530A }
```

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

Here you see how a box with a 4 pixel #B9530A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9530A; -webkit-box-shadow:4px 4px  
4px 4px #B9530A; box-shadow:4px 4px 4px  
4px #B9530A }
```

# Background

The CSS property to change the background color of an element to Hex B9530A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9530A }
```

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

```
.background{ background-color:#B9530A }
```

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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