

Converting Colors

Hex(B9440A)

Have a look what the booklet for
Hex(B9440A) contains.

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Color

Hex(B9440A)

Conversions

Conversions Part 1

Format	Color
Hex	B9440A
RGB	185, 68, 10
RGB Percent	73%, 27%, 4%
CMY	0.2745, 0.7333, 0.9608
CMYK	0.00, 0.63, 0.95, 0.27
HSL	20°, 90%, 38%
HSV	20°, 95%, 73%
XYZ	22.1295, 14.4704, 1.9139
YIQ	96.3710, 88.3500, 6.7660

Conversions

Conversions Part 2

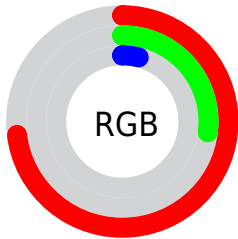
Format	Color
R _Y B	185, 97, 10
Decimal	12141578
CIE Lab	44.90, 45.10, 53.00
CIE LCh	45, 69.588, 49.606
Yxy	14.4704, 0.5746, 0.3757
Android (android.graphics.Color)	4290331658 (0xFFB9440A)
YUV	96.3710, -42.5809, 77.7276
Hunter-Lab	38.0400, 37.2709, 23.6450

Details

The Hex color **B9440A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A7FB9**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F8793F**, and **7C0800** is the 20% darker color. If you saturate the color by 10%, you get **B93D00**, and if you desaturate by 10%, it is **B9501C**.

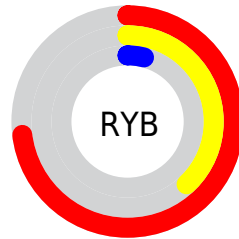
Distribution



Red (73%)

Green (27%)

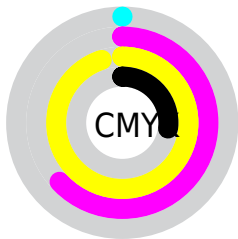
Blue (4%)



Red (73%)

Yellow (38%)

Blue (4%)

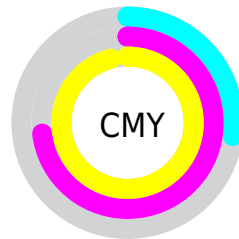


Cyan (0%)

Magenta (63%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9440A 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 B9440A by changing the saturation by 10% instead.

 B9440A

 B9440A

FFFFFFC

 9A2900

 F8793F

 7C0800

 FF9458

 5D0000

 FFAF72

 410000

 FFCB8C

 250001

 FFE8A7

 000000

 FFFFC3

 FFFFDF

 B9440A

 B9440A

 B93D00

 B9501C

 B95D2F

 B96941

 B97554

 B98267

 B98E79

 B99B8B

 B9A79E

 B9B3B1

Harmonies

Analogous

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



CD2047



B9440A



926100

Triad

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



B9440A



008253



2364D9

Complementary

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



B9440A



0A7FB9

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.



0077DE



B9440A



008390

Square

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



B9440A



007D10



0081C2



9A45B6

Rectangle

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



B9440A



716E00



0081C2



006CDE

Sweetspot

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



B9440A



F0C3AD



B90A82



785D4F



F7F7F7



787878

Same Dimension

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



B9440A



F04F00



B9990A



5C5653



9C3400



1C0900

Inverse Universe

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



0A7FB9



00A0F0



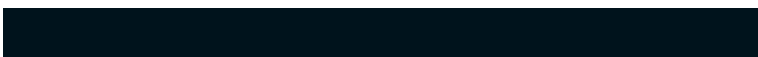
0A2AB9



53595C



00689C



00131C

Previews

White Background



This preview shows how the Hex color B9440A looks on a white background.

Color Contrast Check

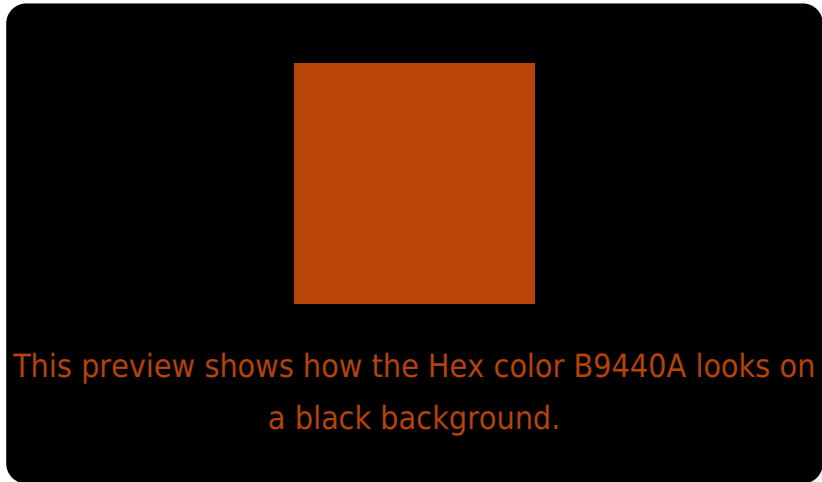
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9440A Background



This preview shows how black text looks on a background with the Hex color B9440A.



This preview shows how white text looks on a background with the Hex color B9440A.

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
B9440A

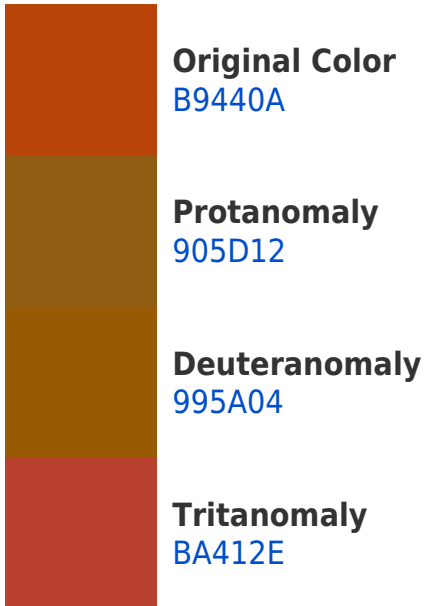
Protanopia
786B16

Deuteranopia
876600

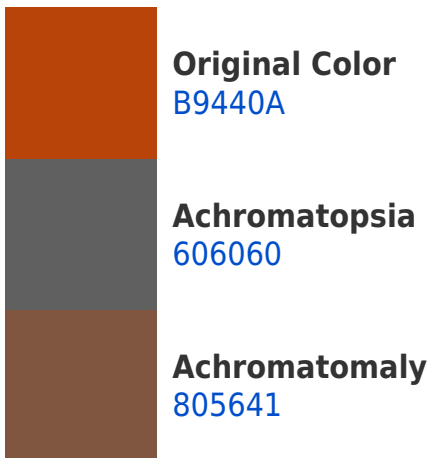


Tritanopia
BA3F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9440A 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 #B9440A looks like.

```
.text, #text, p{  
    color:#B9440A  
}
```

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 #B9440A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9440A
}
```

Border

The CSS property to change the border of an element to Hex B9440A is called "border". The border property can be set on classes, ids or directly on the HTML element.

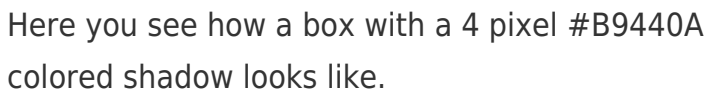
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9440A }
```

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

```
.border{ border-color:#B9440A }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B9440A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9440A; -webkit-box-shadow:4px 4px  
4px 4px #B9440A; box-shadow:4px 4px 4px  
4px #B9440A }
```

Background

The CSS property to change the background color of an element to Hex B9440A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9440A }
```

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

```
.background{ background-color:#B9440A }
```

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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