

# Converting Colors

Hex(B96422)

Have a look what the booklet for  
Hex(B96422) contains.

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**Color**

**Hex(B96422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B96422</a>
RGB	<a href="#">185, 100, 34</a>
RGB Percent	<a href="#">73%, 39%, 13%</a>
CMY	<a href="#">0.2745, 0.6078, 0.8667</a>
CMYK	<a href="#">0.00, 0.46, 0.82, 0.27</a>
HSL	<a href="#">26°, 69%, 43%</a>
HSV	<a href="#">26°, 82%, 73%</a>
XYZ	<a href="#">24.8535, 19.5441, 3.9758</a>
YIQ	<a href="#">117.8910, 71.8460, -2.5060</a>

# Conversions

## Conversions Part 2

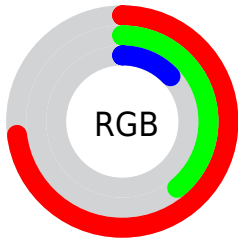
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 151, 34</a>
Decimal	<a href="#">12149794</a>
CIELab	<a href="#">51.32, 29.57, 49.71</a>
CIElCh	<a href="#">51, 57.842, 59.256</a>
Yxy	<a href="#">19.5441, 0.5138, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4290339874 (0xFFB96422)</a>
YUV	<a href="#">117.8910, -41.3583, 58.8546</a>
Hunter-Lab	<a href="#">44.2087, 22.9847, 25.6140</a>

# Details

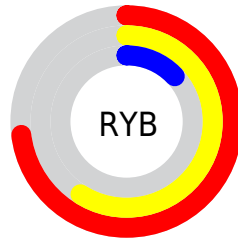
The Hex color **B96422** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2277B9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F69854**, and **7E3300** is the 20% darker color. If you saturate the color by 10%, you get **B95A10**, and if you desaturate by 10%, it is **B96E35**.

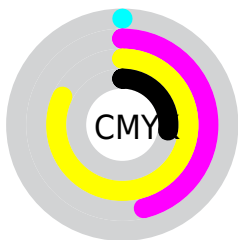
# Distribution



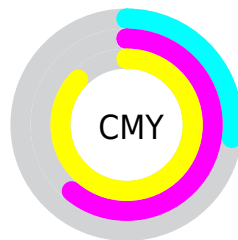
- Red (73%)
- Green (39%)
- Blue (13%)



- Red (73%)
- Yellow (59%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (82%)
- Black (27%)



- Cyan (27%)
- Magenta (61%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96422 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 B96422 by changing the saturation by 10% instead.



 B96422

 B96422

FFFFFF

 9B4B05

 F69854

 7E3300

 FF36E

 611C00

 FFCF88

 450300

 FFEBA3

 2C0001

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 B96422

 B96422

 B95A10


 B96E35

 B95100

 B97947

 B9835A

 B98E6C

 B9987F

 B9A291

 B9ADA4

 B9B7B6

 B9C2C9

# Harmonies

## Analogous

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



D0504D



B96422



937800

# Triad

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



B96422



009177



766ED1

# Complementary

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



B96422



2277B9

# 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.



0081DE



B96422



0091A9

# Square

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



B96422



008D45



008CCF



B457AE

# Rectangle

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



B96422



748106



008CCF



5575D8



# Sweetspot

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



B96422



F0CFB6



B92278



786455



F7F7F7



787878



# Same Dimension

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



B96422



F06B05



B9AF22



5C5753



9C4400



1C0C00



# Inverse Universe

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



2277B9



0589F0



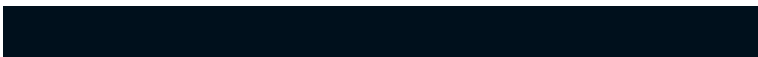
222CB9



53585C



00589C



00101C



# Previews

## White Background



This preview shows how the Hex color B96422 looks on a white background.

## Color Contrast Check

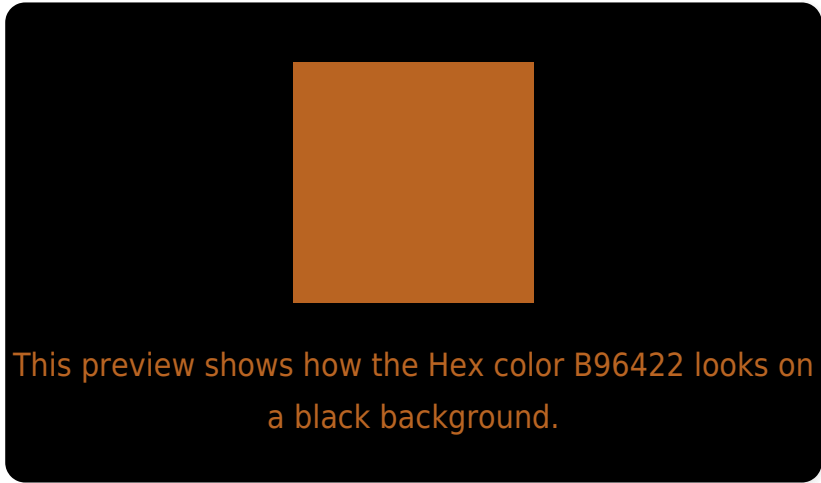
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B96422 Background



This preview shows how black text looks on a background with the Hex color B96422.



This preview shows how white text looks on a background with the Hex color B96422.

# 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



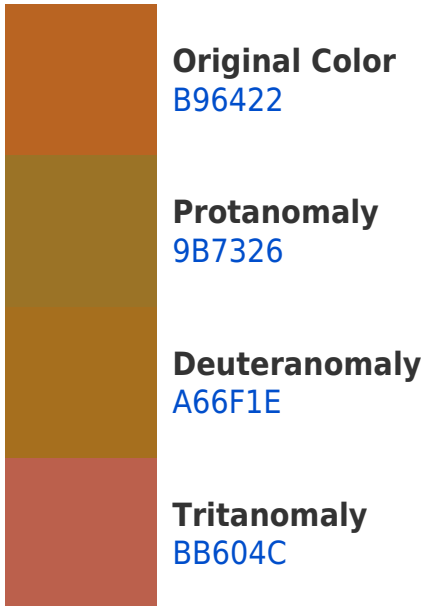
**Original Color**  
B96422

**Protanopia**  
8A7B28

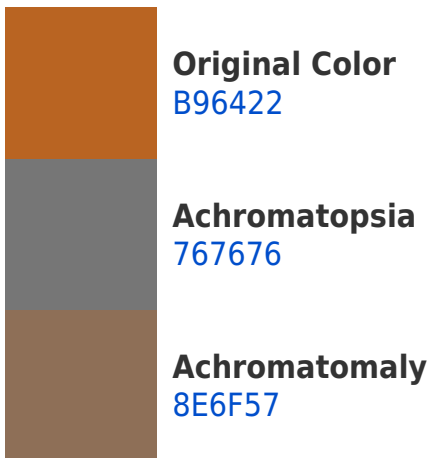
**Deuteranopia**  
9B751B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96422 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 #B96422 looks like.

```
.text, #text, p{  
    color:#B96422  
}
```

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 #B96422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96422
}
```

## Border

The CSS property to change the border of an element to Hex B96422 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
#B96422 }
```

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

```
.border{ border-color:#B96422 }
```

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

Here you see how a box with a 4 pixel #B96422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96422; -webkit-box-shadow:4px 4px  
4px 4px #B96422; box-shadow:4px 4px 4px  
4px #B96422 }
```

# Background

The CSS property to change the background color of an element to Hex B96422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96422 }
```

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

```
.background{ background-color:#B96422 }
```

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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