

# Converting Colors

Hex(B96C00)

Have a look what the booklet for  
Hex(B96C00) contains.

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**Color**

**Hex(B96C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B96C00
RGB	185, 108, 0
RGB Percent	73%, 42%, 0%
CMY	0.2745, 0.5765, 1.0000
CMYK	0.00, 0.42, 1.00, 0.27
HSL	35°, 100%, 36%
HSV	35°, 100%, 73%
XYZ	25.3701, 21.0394, 2.7239
YIQ	118.7110, 80.5600, -17.2640

# Conversions

## Conversions Part 2

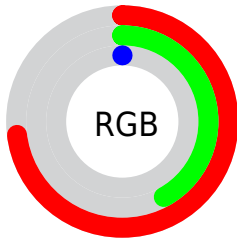
Format	Color
<a href="#">RYB</a>	132, 185, 0
Decimal	12151808
CIELab	52.99, 24.55, 60.46
CIElCh	53, 65.254, 67.900
Yxy	21.0394, 0.5164, 0.4282
Android (android.graphics.Color)	4290341888 (0xFFB96C00)
YUV	118.7110, -58.5245, 58.1355
Hunter-Lab	45.8687, 18.4586, 28.5873

# Details

The Hex color **B96C00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **004DB9**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F7A041**, and **7E3C00** is the 20% darker color. If you saturate the color by 10%, you get **B96C00**, and if you desaturate by 10%, it is **B97412**.

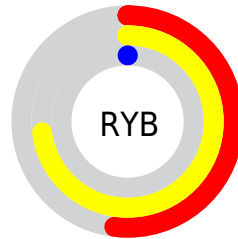
# Distribution



Red (73%)

Green (42%)

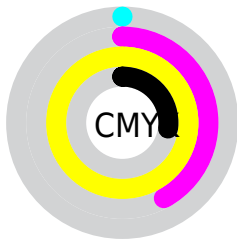
Blue (0%)



Red (52%)

Yellow (73%)

Blue (0%)

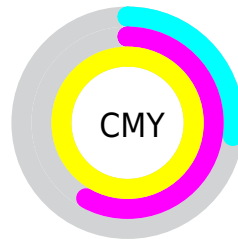


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96C00 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 B96C00 by changing the saturation by 10% instead.



 B96C00

 B96C00

FFFFFF

 9B5300

 F7A041

 7E3C00

 FFBB5B

 602500

 FFD776

 440F00

 FFF391

 2B0000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 B96C00

 B97412

 B97B25

 B98338

 B98B4A

 B9935D

 B99A6F

 B9A282

 B9AA94

 B9B1A7

# Harmonies

## Analogous

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



D8523C



B96C00



8B8100

# Triad

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



B96C00



00988C



9268D8

# Complementary

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



B96C00



004DB9

# 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.



0081EF



B96C00



0097C2

# Square

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



B96C00



009552



0090E7



CC4DAA

# Rectangle

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



B96C00



658A00



0090E7



7371E3



# Sweetspot

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



B96C00



F0D2A8



B9004D



78664D



F7F7F7



787878



# Same Dimension

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



B96C00



F08C00



AAB900



5C5853



9C5B00



1C1000



# Inverse Universe

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



004DB9



0064F0



0F00B9



53565C



00419C

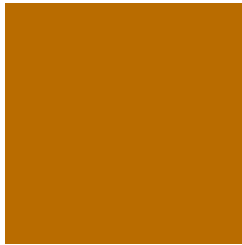


000C1C



# Previews

## White Background



This preview shows how the Hex color B96C00 looks on a white background.

## Color Contrast Check

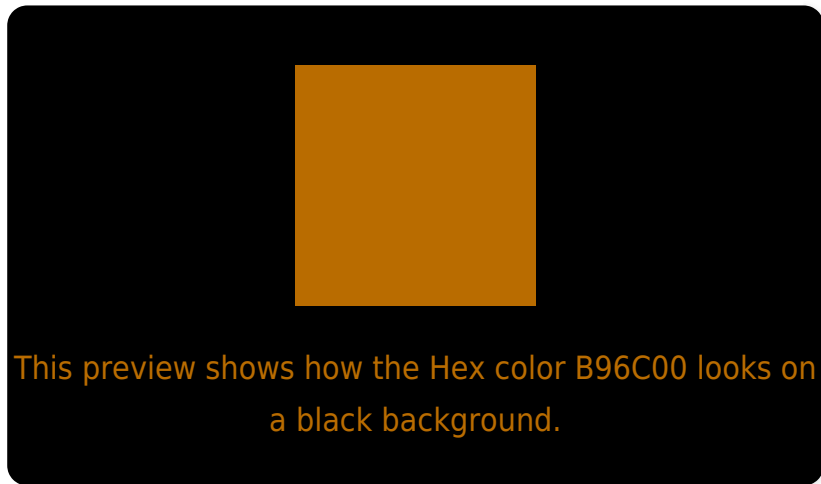
Large Text (above 18pt) WCAG AA ✓ Pass

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 B96C00 Background



This preview shows how black text looks on a background with the Hex color B96C00.



This preview shows how white text looks on a background with the Hex color B96C00.

# 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**  
B96C00

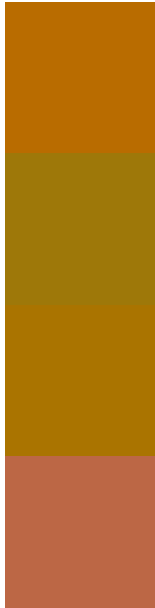
**Protanopia**  
8F7F0E

**Deuteranopia**  
A17900



**Tritanopia**  
BD646C

# Trichromacy



**Original Color**  
B96C00

**Protanomaly**  
9E7809

**Deuteranomaly**  
AA7400

**Tritanomaly**  
BC6745

# Monochromacy



**Original Color**  
B96C00

**Achromatopsia**  
777777

**Achromatomaly**  
8F734C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96C00 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 #B96C00 looks like.

```
.text, #text, p{  
    color:#B96C00  
}
```

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 #B96C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96C00
}
```

## Border

The CSS property to change the border of an element to Hex B96C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

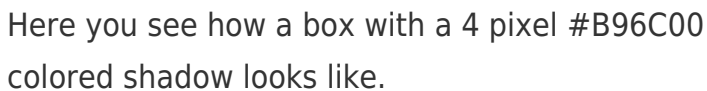
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B96C00 }
```

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

```
.border{ border-color:#B96C00 }
```

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 and a 4px orange shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #B96C00 colored shadow looks like."

Here you see how a box with a 4 pixel #B96C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96C00; -webkit-box-shadow:4px 4px  
4px 4px #B96C00; box-shadow:4px 4px 4px  
4px #B96C00 }
```

# Background

The CSS property to change the background color of an element to Hex B96C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96C00 }
```

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

```
.background{ background-color:#B96C00 }
```

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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