

# Converting Colors

Hex(B36900)

Have a look what the booklet for  
Hex(B36900) contains.

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**Color**

**Hex(B36900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B36900
RGB	179, 105, 0
RGB Percent	70%, 41%, 0%
CMY	0.2980, 0.5882, 1.0000
CMYK	0.00, 0.41, 1.00, 0.30
HSL	35°, 100%, 35%
HSV	35°, 100%, 70%
XYZ	23.6420, 19.6869, 2.5539
YIQ	115.1560, 77.8090, -16.9670

# Conversions

## Conversions Part 2

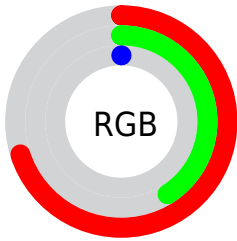
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 179, 0
Decimal	11757824
CIE <sub>Lab</sub>	51.48, 23.58, 59.10
CIE <sub>LCh</sub>	51, 63.628, 68.246
Yxy	19.6869, 0.5153, 0.4291
Android (android.graphics.Color)	4289947904 (0xFFB36900)
YUV	115.1560, -56.7719, 55.9912
Hunter-Lab	44.3699, 17.4644, 27.6463

# Details

The Hex color **B36900** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004AB3**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F09D40**, and **783900** is the 20% darker color. If you saturate the color by 10%, you get **B36900**, and if you desaturate by 10%, it is **B37012**.

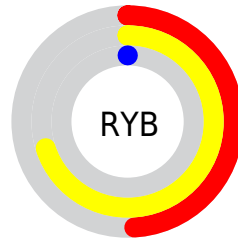
# Distribution



Red (70%)

Green (41%)

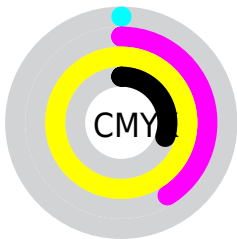
Blue (0%)



Red (49%)

Yellow (70%)

Blue (0%)

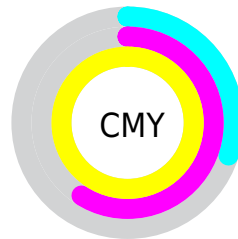


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B36900 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 B36900 by changing the saturation by 10% instead.



 B36900

 B36900

FFFFFF

 955100

 F09D40

 783900

 FFB85A

 5B2300

 FFD374

 3F0C00

 FFF08F

 280000

 FFFFAB

 000000

 FFFFC7

 FFFF E3

 B36900

 B37012

 B37824

 B37F36

 B38748

 B38E5A

 B3956B

 B39D7D

 B3A48F

 B3ACA1

# Harmonies

## Analogous

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



D2503A



B36900



867D00

# Triad

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



B36900



009389



8F65D1

# Complementary

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



B36900



004AB3

# 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.



007CE7



B36900



0092BD

# Square

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



B36900



009150



008BE0



C64AA4

# Rectangle

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



B36900



618600



008BE0



716EDB



# Sweetspot

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



B36900



E8CBA2



B3004B



75644B



F5F5F5



757575



# Same Dimension

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



B36900



E88800



A4B300



595650



995A00



1A0F00



# Inverse Universe

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



004AB3



0060E8



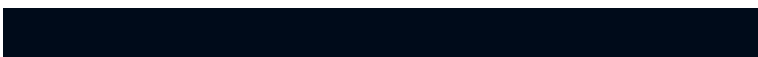
0F00B3



505459



003F99



000B1A



# Previews

## White Background



This preview shows how the Hex color B36900 looks on a white background.

## Color Contrast Check

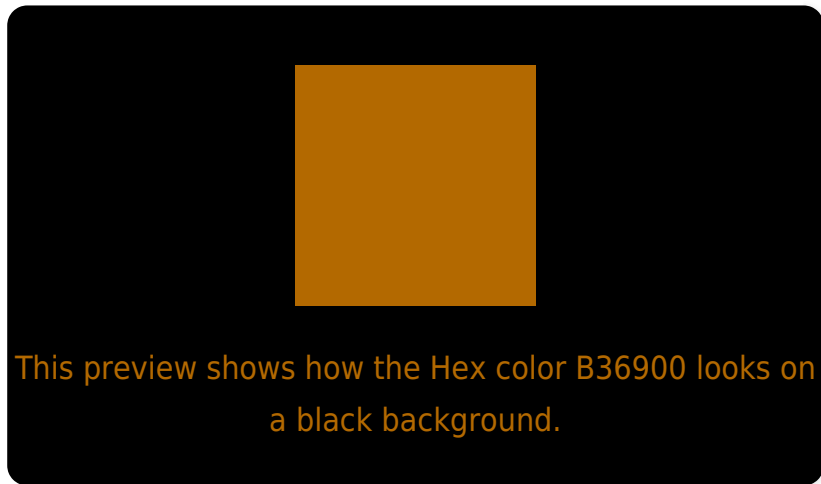
Large Text (above 18pt) WCAG AA ✓ Pass

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 B36900 Background



This preview shows how black text looks on a background with the Hex color B36900.



This preview shows how white text looks on a background with the Hex color B36900.

# 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**  
B36900

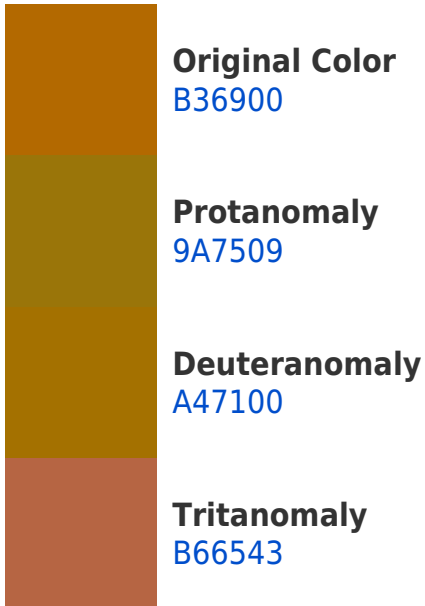
**Protanopia**  
8B7C0E

**Deuteranopia**  
9C7500

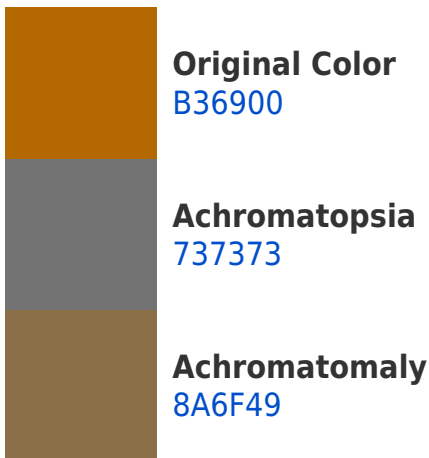


**Tritanopia**  
B76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B36900 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 #B36900 looks like.

```
.text, #text, p{  
    color:#B36900  
}
```

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 #B36900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36900
}
```

## Border

The CSS property to change the border of an element to Hex B36900 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
#B36900 }
```

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

```
.border{ border-color:#B36900 }
```

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

Here you see how a box with a 4 pixel #B36900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36900; -webkit-box-shadow:4px 4px  
4px 4px #B36900; box-shadow:4px 4px 4px  
4px #B36900 }
```

# Background

The CSS property to change the background color of an element to Hex B36900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36900 }
```

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

```
.background{ background-color:#B36900 }
```

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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