

# Converting Colors

Hex(B86D00)

Have a look what the booklet for  
Hex(B86D00) contains.

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**Color**

**Hex(B86D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B86D00
RGB	184, 109, 0
RGB Percent	72%, 43%, 0%
CMY	0.2784, 0.5725, 1.0000
CMYK	0.00, 0.41, 1.00, 0.28
HSL	36°, 100%, 36%
HSV	36°, 100%, 72%
XYZ	25.2358, 21.1276, 2.7480
YIQ	118.9990, 79.6890, -17.9990

# Conversions

## Conversions Part 2

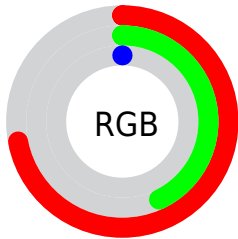
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 184, 0
Decimal	12086528
CIELab	53.09, 23.57, 60.45
CIElCh	53, 64.885, 68.703
Yxy	21.1276, 0.5138, 0.4302
Android (android.graphics.Color)	4290276608 (0xFFB86D00)
YUV	118.9990, -58.6665, 57.0059
Hunter-Lab	45.9648, 17.5625, 28.6308

# Details

The Hex color **B86D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **004BB8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F5A141**, and **7D3D00** is the 20% darker color. If you saturate the color by 10%, you get **B86D00**, and if you desaturate by 10%, it is **B87512**.

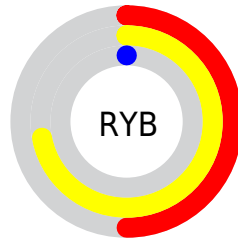
# Distribution



Red (72%)

Green (43%)

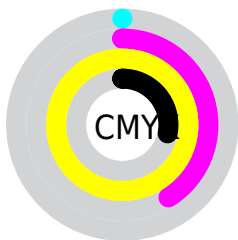
Blue (0%)



Red (50%)

Yellow (72%)

Blue (0%)

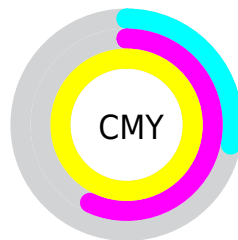


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86D00 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 B86D00 by changing the saturation by 10% instead.



 B86D00

 B86D00

FFFFFF

 9A5400

 F5A141

 7D3D00

 FFBC5B

 602600

 FFD876

 441000

 FFF491

 2B0000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 B86D00

 B87512

 B87C25

 B88437

 B88B4A

 B8935C

 B89A6E

 B8A281

 B8A993

 B8B1A6

# Harmonies

## Analogous

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



D8533C



B86D00



8A8100

# Triad

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



B86D00



00988E



9468D7

# Complementary

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



B86D00



004BB8

# 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.



0080EE



B86D00



0097C4

# Square

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



B86D00



009554



0090E7



CD4DA9

# Rectangle

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



B86D00



638B00



0090E7



7671E1



# Sweetspot

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



B86D00



F0D2A8



B8004D



78664D



F7F7F7



787878



# Same Dimension

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



B86D00



F08E00



A9B800



5C5853



9C5C00



1C1100



# Inverse Universe

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



004BB8



0062F0



0F00B8



53565C



003F9C



000B1C



# Previews

## White Background



This preview shows how the Hex color B86D00 looks on a white background.

## Color Contrast Check

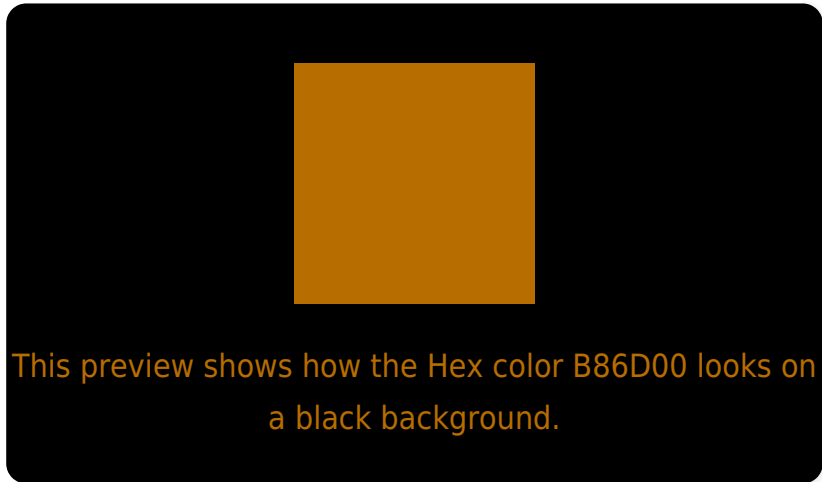
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86D00 Background



This preview shows how black text looks on a background with the Hex color B86D00.



This preview shows how white text looks on a background with the Hex color B86D00.

# 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**  
B86D00

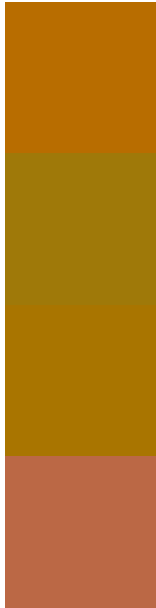
**Protanopia**  
90800E

**Deuteranopia**  
A17900



**Tritanopia**  
BC656D

# Trichromacy



**Original Color**  
B86D00

**Protanomaly**  
9F7909

**Deuteranomaly**  
A97500

**Tritanomaly**  
BB6845

# Monochromacy



**Original Color**  
B86D00

**Achromatopsia**  
777777

**Achromatomaly**  
8F734C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86D00 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 #B86D00 looks like.

```
.text, #text, p{  
    color:#B86D00  
}
```

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 #B86D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D00
}
```

## Border

The CSS property to change the border of an element to Hex B86D00 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
#B86D00 }
```

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

```
.border{ border-color:#B86D00 }
```

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

Here you see how a box with a 4 pixel #B86D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D00; -webkit-box-shadow:4px 4px  
4px 4px #B86D00; box-shadow:4px 4px 4px  
4px #B86D00 }
```

# Background

The CSS property to change the background color of an element to Hex B86D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D00 }
```

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

```
.background{ background-color:#B86D00 }
```

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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