

# Converting Colors

Hex(B46F00)

Have a look what the booklet for  
Hex(B46F00) contains.

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**Color**

**Hex(B46F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B46F00
RGB	180, 111, 0
RGB Percent	71%, 44%, 0%
CMY	0.2941, 0.5647, 1.0000
CMYK	0.00, 0.38, 1.00, 0.29
HSL	37°, 100%, 35%
HSV	37°, 100%, 71%
XYZ	24.5068, 21.0722, 2.7757
YIQ	118.9770, 76.7550, -19.8930

# Conversions

## Conversions Part 2

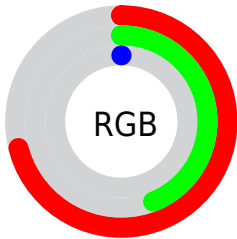
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 180, 0
Decimal	11824896
CIE Lab	53.03, 20.70, 60.15
CIE LCh	53, 63.616, 71.008
Yxy	21.0722, 0.5068, 0.4358
Android (android.graphics.Color)	4290014976 (0xFFB46F00)
YUV	118.9770, -58.6557, 53.5172
Hunter-Lab	45.9044, 14.9623, 28.5480

# Details

The Hex color **B46F00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0045B4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F1A341**, and **793F00** is the 20% darker color. If you saturate the color by 10%, you get **B46F00**, and if you desaturate by 10%, it is **B47612**.

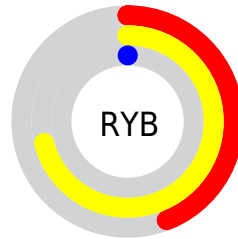
# Distribution



Red (71%)

Green (44%)

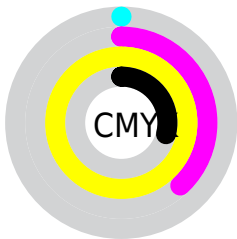
Blue (0%)



Red (44%)

Yellow (71%)

Blue (0%)

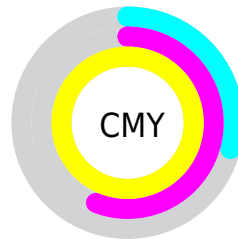


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B46F00 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 B46F00 by changing the saturation by 10% instead.



 B46F00

 B46F00

FFFFFF

 965600

 F1A341

 793F00

 FFBE5B

 5C2900

 FFDA76

 411300

 FFF691

 280000

 FFFFAD

 000000

 FFFF C9

 FFFF E5

 B46F00

 B47612

 B47D24

 B48436

 B48B48

 B4925A

 B4986C

 B49F7E

 B4A690

 B4ADA2

# Harmonies

## Analogous

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



D45639



B46F00



868200

# Triad

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



B46F00



009892



9A66D2

# Complementary

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



B46F00



0045B4

# 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.



087EEB



B46F00



0096C5

# Square

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



B46F00



009559



008EE6



CE4DA4

# Rectangle

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



B46F00



5F8B0B



008EE6



7E6FDD



# Sweetspot

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



B46F00



EBD0A4



B40045



75654B



F5F5F5



757575



# Same Dimension

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



B46F00



EB9100



9FB400



595650



995E00



1A1000



# Inverse Universe

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



0045B4



005AEB



1500B4



505459



003B99



000A1A



# Previews

## White Background



This preview shows how the Hex color B46F00 looks on a white background.

## Color Contrast Check

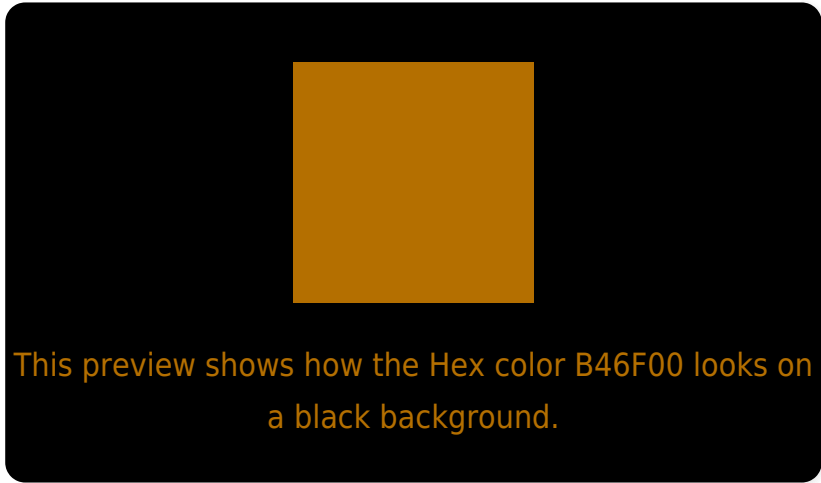
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46F00 Background



This preview shows how black text looks on a background with the Hex color B46F00.



This preview shows how white text looks on a background with the Hex color B46F00.

# 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**  
B46F00

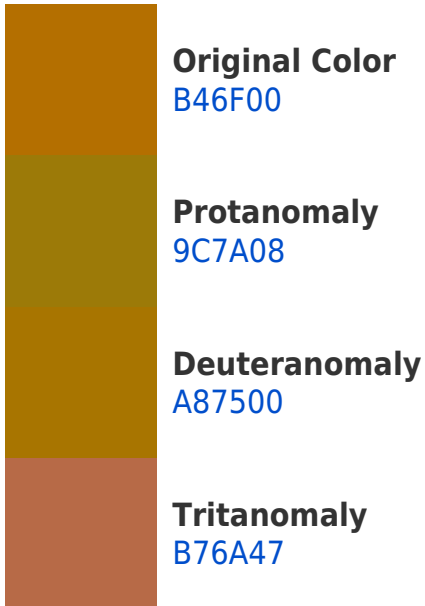
**Protanopia**  
8F800D

**Deuteranopia**  
A17900



**Tritanopia**  
B8676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B46F00 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 #B46F00 looks like.

```
.text, #text, p{  
    color:#B46F00  
}
```

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 #B46F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46F00  
}
```

## Border

The CSS property to change the border of an element to Hex B46F00 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  
#B46F00 }
```

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

```
.border{ border-color:#B46F00 }
```

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

Here you see how a box with a 4 pixel #B46F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46F00; -webkit-box-shadow:4px 4px  
4px 4px #B46F00; box-shadow:4px 4px 4px  
4px #B46F00 }
```

# Background

The CSS property to change the background color of an element to Hex B46F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46F00 }
```

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

```
.background{ background-color:#B46F00 }
```

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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