

# Converting Colors

Hex(B76411)

Have a look what the booklet for  
Hex(B76411) contains.

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**Color**

**Hex(B76411)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B76411
RGB	183, 100, 17
RGB Percent	72%, 39%, 7%
CMY	0.2824, 0.6078, 0.9333
CMYK	0.00, 0.45, 0.91, 0.28
HSL	30°, 83%, 39%
HSV	30°, 91%, 72%
XYZ	24.1868, 19.2221, 2.9658
YIQ	115.3550, 76.1110, -8.2170

# Conversions

## Conversions Part 2

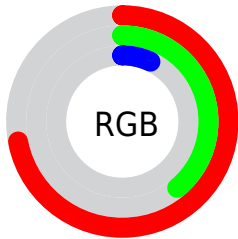
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 183, 17</a>
Decimal	<a href="#">12018705</a>
CIELab	<a href="#">50.95, 28.29, 55.25</a>
CIElCh	<a href="#">51, 62.069, 62.888</a>
Yxy	<a href="#">19.2221, 0.5216, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4290208785</a> ( <a href="#">0xFFB76411</a> )
YUV	<a href="#">115.3550, -48.4890, 59.3247</a>
Hunter-Lab	<a href="#">43.8430, 21.7475, 26.6794</a>

# Details

The Hex color **B76411** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1164B7**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F49847**, and **7C3400** is the 20% darker color. If you saturate the color by 10%, you get **B75C00**, and if you desaturate by 10%, it is **B76D23**.

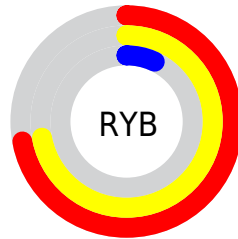
# Distribution



Red (72%)

Green (39%)

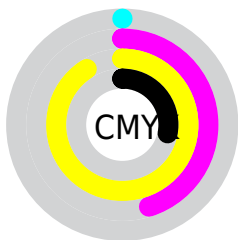
Blue (7%)



Red (72%)

Yellow (72%)

Blue (7%)

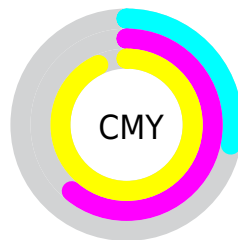


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B76411 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 B76411 by changing the saturation by 10% instead.



 B76411

 B76411

FFFFFF

 994B00

 F49847

 7C3400

 FF361

 5E1D00

 FFCE7B

 420400

 FFEB96

 2B0001

 FFFF2

 000000

 FFFFCE

 FFFF2A

 B76411

 B76411

 B75C00

 B76D23

 B77636

 B77F48

 B7895A

 B7926D

 B79B7F

 B7A491

 B7ADA3

 B7B6B6

# Harmonies

## Analogous

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



D24C43



B76411



8D7900

# Triad

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



B76411



00917D



7E69D3

# Complementary

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



B76411



1164B7

# 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.



007EE4



B76411



0091B2

# Square

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



B76411



008E46



008BD8



BC4FAB

# Rectangle

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



B76411



6B8300



008BD8



5D71DC



# Sweetspot

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



B76411



EDCDAD



B71164



786551



F7F7F7



787878



# Same Dimension

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



B76411



ED7700



B7B711



5C5753



9C4E00



1C0E00



# Inverse Universe

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



1164B7



0077ED



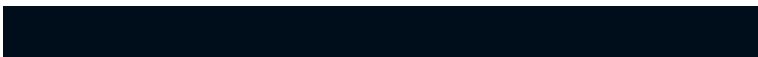
1111B7



53575C



004E9C



000E1C



# Previews

## White Background



This preview shows how the Hex color B76411 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 B76411 Background



This preview shows how black text looks on a background with the Hex color B76411.



This preview shows how white text looks on a background with the Hex color B76411.

# 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**  
B76411

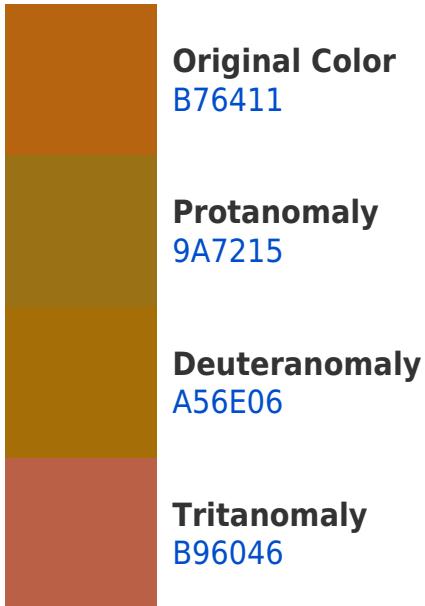
**Protanopia**  
897A17

**Deuteranopia**  
9A7400



**Tritanopia**  
BA5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B76411 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 #B76411 looks like.

```
.text, #text, p{  
    color:#B76411  
}
```

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 #B76411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76411
}
```

## Border

The CSS property to change the border of an element to Hex B76411 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
#B76411 }
```

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

```
.border{ border-color:#B76411 }
```

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

Here you see how a box with a 4 pixel #B76411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76411; -webkit-box-shadow:4px 4px  
4px 4px #B76411; box-shadow:4px 4px 4px  
4px #B76411 }
```

# Background

The CSS property to change the background color of an element to Hex B76411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76411 }
```

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

```
.background{ background-color:#B76411 }
```

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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