

Converting Colors

Hex(B76730)

Have a look what the booklet for
Hex(B76730) contains.

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Color

Hex(B76730)

Conversions

Conversions Part 1

Format	Color
Hex	B76730
RGB	183, 103, 48
RGB Percent	72%, 40%, 19%
CMY	0.2824, 0.5961, 0.8118
CMYK	0.00, 0.44, 0.74, 0.28
HSL	24°, 58%, 45%
HSV	24°, 74%, 72%
XYZ	24.9122, 19.9812, 5.3400
YIQ	120.6500, 65.3350, -0.1450

Conversions

Conversions Part 2

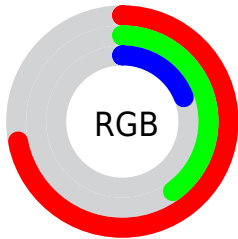
Format	Color
R_{YB}	183, 141, 48
Decimal	12019504
CIE Lab	51.82, 27.67, 43.72
CIE LCh	52, 51.739, 57.665
Yxy	19.9812, 0.4959, 0.3978
Android (android.graphics.Color)	4290209584 (0xFFB76730)
YUV	120.6500, -35.8164, 54.6810
Hunter-Lab	44.7003, 21.2553, 24.2072

Details

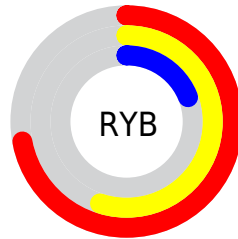
The Hex color **B76730** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3080B7**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F39B61**, and **7C3700** is the 20% darker color. If you saturate the color by 10%, you get **B75C1E**, and if you desaturate by 10%, it is **B77242**.

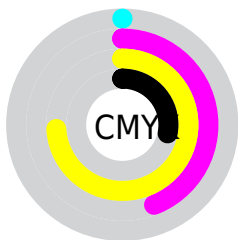
Distribution



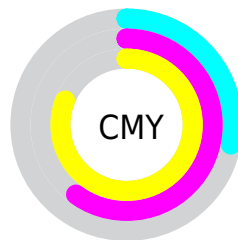
- Red (72%)
- Green (40%)
- Blue (19%)



- Red (72%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B76730 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 B76730 by changing the saturation by 10% instead.

 B76730

 B76730

FFFFFF

 994E18

 F39B61

 7C3700

 FFB67B

 601F00

 FFD295

 440700

 FFEEB0

 2C0000

 FFFFCC

 000000

 FFFFEE

 B76730

 B76730

 B75C1E

 B77242

 B7510B

 B77D55

 B74B00

 B78867

 B79279

 B79D8C

 B7A89E

 B7B3B0

 B7BEC2

 B7C9D5

Harmonies

Analogous

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



CA5755



B76730



967819

Triad

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



B76730



009077



7671CA

Complementary

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



B76730



3080B7

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.



0082D4



B76730



0090A3

Square

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



B76730



2A8D4A



008CC6



AE5EAC

Rectangle

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



B76730



7A811E



008CC6



5A77D0

Sweetspot

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



B76730



EDCEB9



B73081



786559



F7F7F7



787878

Same Dimension

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



B76730



ED701A



B7AA30



5C5653



9C3F00



1C0B00

Inverse Universe

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



3080B7



1A97ED



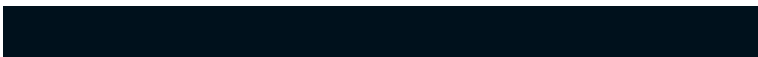
303DB7



53585C



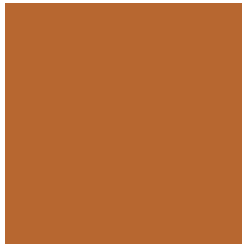
005C9C



00111C

Previews

White Background



This preview shows how the Hex color B76730 looks on a white background.

Color Contrast Check

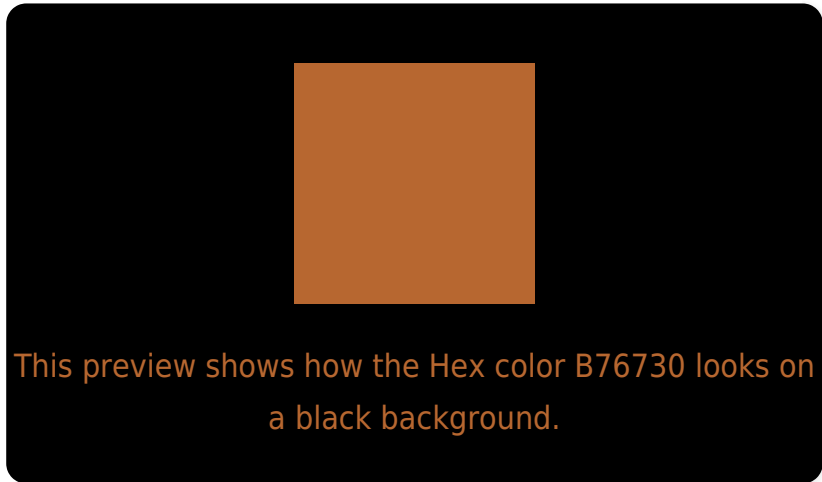
Large Text (above 18pt) WCAG AA ✓ Pass

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 B76730 Background



This preview shows how black text looks on a background with the Hex color B76730.



This preview shows how white text looks on a background with the Hex color B76730.

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
B76730

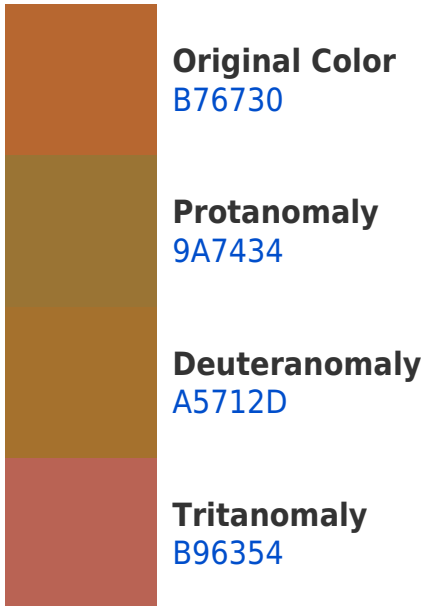
Protanopia
8A7C36

Deuteranopia
9B762C



Tritanopia
BA6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B76730 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 #B76730 looks like.

```
.text, #text, p{  
    color:#B76730  
}
```

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 #B76730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76730
}
```

Border

The CSS property to change the border of an element to Hex B76730 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
#B76730 }
```

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

```
.border{ border-color:#B76730 }
```

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

Here you see how a box with a 4 pixel #B76730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76730; -webkit-box-shadow:4px 4px  
4px 4px #B76730; box-shadow:4px 4px 4px  
4px #B76730 }
```

Background

The CSS property to change the background color of an element to Hex B76730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76730 }
```

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

```
.background{ background-color:#B76730 }
```

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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