

Converting Colors

Hex(BA6730)

Have a look what the booklet for
Hex(BA6730) contains.

Hex(BA6730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BA6730)

Conversions

Conversions Part 1

Format	Color
Hex	BA6730
RGB	186, 103, 48
RGB Percent	73%, 40%, 19%
CMY	0.2706, 0.5961, 0.8118
CMYK	0.00, 0.45, 0.74, 0.27
HSL	24°, 59%, 46%
HSV	24°, 74%, 73%
XYZ	25.6334, 20.3530, 5.3738
YIQ	121.5470, 67.1230, 0.4910

Conversions

Conversions Part 2

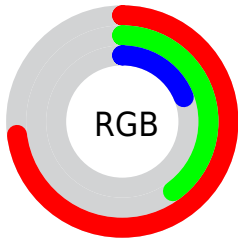
Format	Color
R _Y B	186, 139, 48
Decimal	12216112
CIE Lab	52.23, 28.93, 44.28
CIE LCh	52, 52.896, 56.843
Yxy	20.3530, 0.4991, 0.3963
Android (android.graphics.Color)	4290406192 (0xFFBA6730)
YUV	121.5470, -36.2587, 56.5253
Hunter-Lab	45.1143, 22.4717, 24.5177

Details

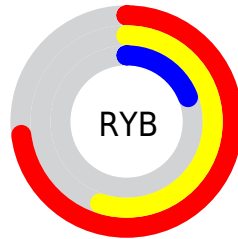
The Hex color **BA6730** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3083BA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F79B61**, and **7F3600** is the 20% darker color. If you saturate the color by 10%, you get **BA5C1D**, and if you desaturate by 10%, it is **BA7243**.

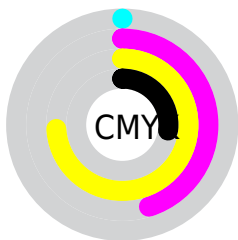
Distribution



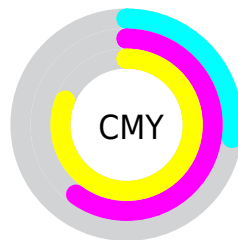
- Red (73%)
- Green (40%)
- Blue (19%)



- Red (73%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA6730 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 BA6730 by changing the saturation by 10% instead.

 BA6730

 BA6730

FFFFFF

 9C4E18

 F79B61

 7F3600

 FFB67B

 631F00

 FFD295

 460600

 FFEEB0

 2E0000

 FFFFCC

 000000

 FFFF E8

 BA6730

 BA6730

 BA5C1D

 BA7243

 BA510B

 BA7D55

 BA4A00

 BA8968

 BA947A

 BA9F8D

 BAAAA0

 BAB5B2

 BAC0C5

 BACCD7

Harmonies

Analogous

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



CD5656



BA6730



987917

Triad

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



BA6730



009276



7473CE

Complementary

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



BA6730



3083BA

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.



0083D7



BA6730



0092A4

Square

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



BA6730



2B8E48



008DC8



AF5FAF

Rectangle

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



BA6730



7C821B



008DC8



5679D4

Sweetspot

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



BA6730



F2D2BD



BA3085



7A675B



FAFAFA



7A7A7A

Same Dimension

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



BA6730



F2711B



BAAA30



5C5653



9C3E00



1C0B00

Inverse Universe

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



3083BA



1B9CF2



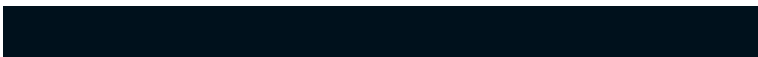
3040BA



53585C



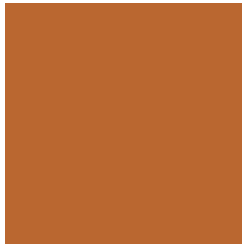
005E9C



00111C

Previews

White Background



This preview shows how the Hex color BA6730 looks on a white background.

Color Contrast Check

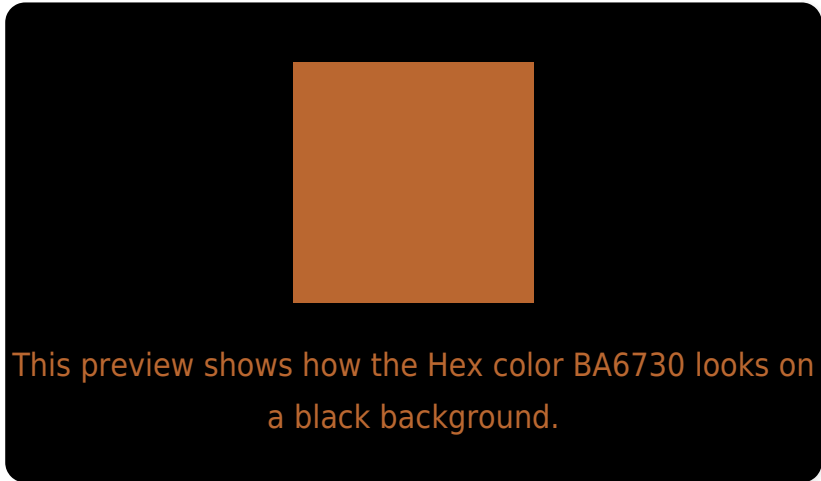
Large Text (above 18pt) WCAG AA ✓ Pass

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

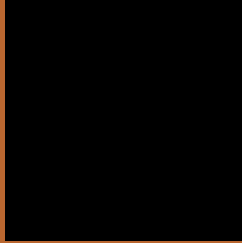
Any Text WCAG AA ✓ Pass

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 BA6730 Background



This preview shows how black text looks on a background with the Hex color BA6730.



This preview shows how white text looks on a background with the Hex color BA6730.

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
BA6730

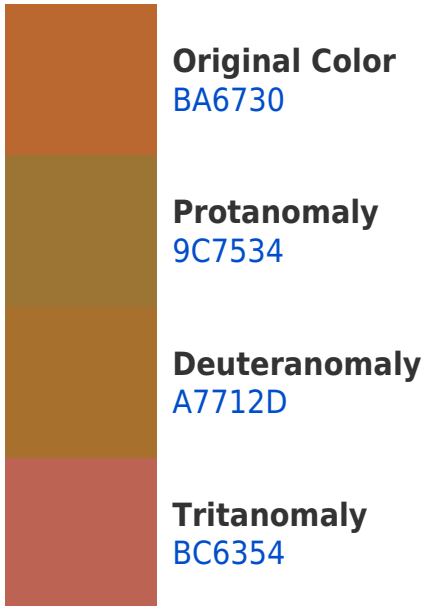
Protanopia
8B7D36

Deuteranopia
9C772B



Tritanopia
BD6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA6730 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 #BA6730 looks like.

```
.text, #text, p{  
    color:#BA6730  
}
```

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 #BA6730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6730  
}
```

Border

The CSS property to change the border of an element to Hex BA6730 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  
#BA6730 }
```

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

```
.border{ border-color:#BA6730 }
```

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

Here you see how a box with a 4 pixel #BA6730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6730; -webkit-box-shadow:4px 4px  
4px 4px #BA6730; box-shadow:4px 4px 4px  
4px #BA6730 }
```

Background

The CSS property to change the background color of an element to Hex BA6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6730 }
```

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

```
.background{ background-color:#BA6730 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor