

Converting Colors

Hex(B06A24)

Have a look what the booklet for
Hex(B06A24) contains.

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Color

Hex(B06A24)

Conversions

Conversions Part 1

Format	Color
Hex	B06A24
RGB	176, 106, 36
RGB Percent	69%, 42%, 14%
CMY	0.3098, 0.5843, 0.8588
CMYK	0.00, 0.40, 0.80, 0.31
HSL	30°, 66%, 42%
HSV	30°, 80%, 69%
XYZ	23.3770, 19.6655, 4.2328
YIQ	118.9500, 64.1900, -6.9300

Conversions

Conversions Part 2

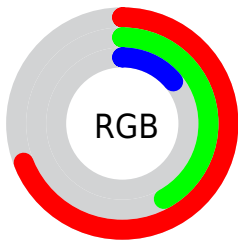
Format	Color
RYB	176, 176, 36
Decimal	11561508
CIELab	51.46, 22.51, 48.55
CIElCh	51, 53.517, 65.129
Yxy	19.6655, 0.4945, 0.4160
Android (android.graphics.Color)	4289751588 (0xFFB06A24)
YUV	118.9500, -40.8943, 50.0329
Hunter-Lab	44.3459, 16.4912, 25.3829

Details

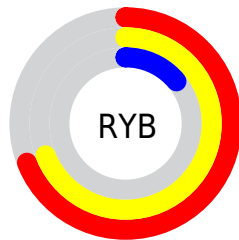
The Hex color **B06A24** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **246AB0**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EC9E56**, and **763A00** is the 20% darker color. If you saturate the color by 10%, you get **B06112**, and if you desaturate by 10%, it is **B07336**.

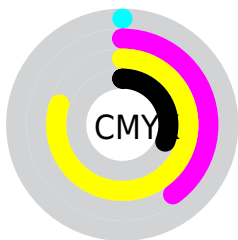
Distribution



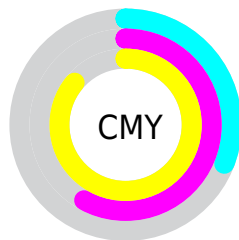
- Red (69%)
- Green (42%)
- Blue (14%)



- Red (69%)
- Yellow (69%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06A24 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 B06A24 by changing the saturation by 10% instead.



B06A24



B06A24

FFFFFF



935207



EC9E56



763A00



FFB970



5A2400



FFD48A



3E0E00



FFF1A5



270000



FFFFC1



000000



FFFDD



FFFFFA



B06A24



B06A24

 B06112

 B07336

 B05801

 B07C47

 B05800

 B08459

 B08D6A

 B0967C

 B09F8E

 B0A89F

 B0B0B1

 B0B9C2

Harmonies

Analogous

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



C85848



B06A24



8B7B11

Triad

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



B06A24



009081



866BC6

Complementary

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



B06A24



246AB0

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.



097DD6



B06A24



008FAE

Square

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



B06A24



008E52



0089CD



B857A2

Rectangle

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



B06A24



6C831E



0089CD



6D72CE

Sweetspot

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



B06A24



E6CAAE



B0246A



736251



F2F2F2



737373

Same Dimension

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



B06A24



E6780B



B0B024



595550



994D00



1A0D00

Inverse Universe

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



246AB0



0B78E6



2424B0



505559



004D99



000D1A

Previews

White Background



This preview shows how the Hex color B06A24 looks on a white background.

Color Contrast Check

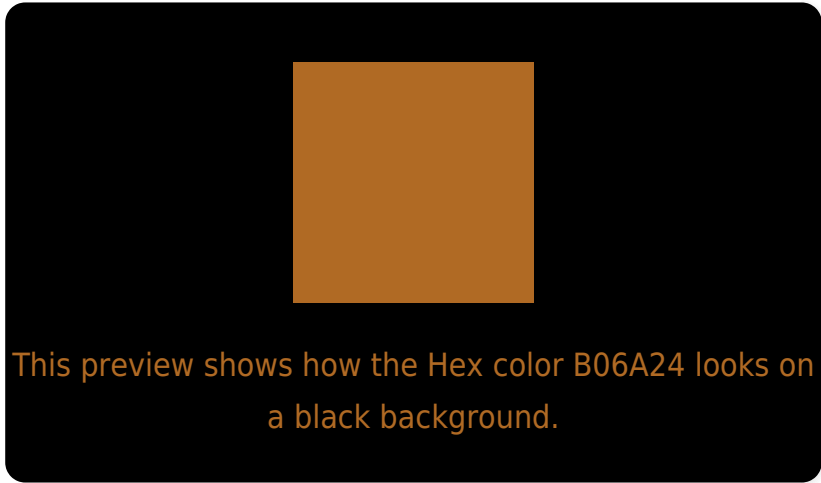
Large Text (above 18pt) WCAG AA ✓ Pass

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

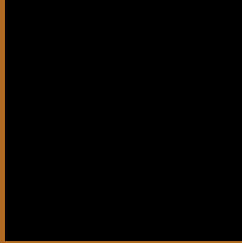
Any Text WCAG AA ✓ Pass

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 B06A24 Background



This preview shows how black text looks on a background with the Hex color B06A24.



This preview shows how white text looks on a background with the Hex color B06A24.

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
B06A24

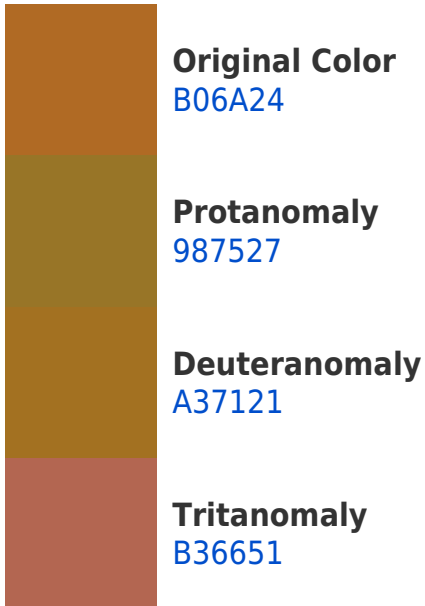
Protanopia
8A7B29

Deuteranopia
9B7520

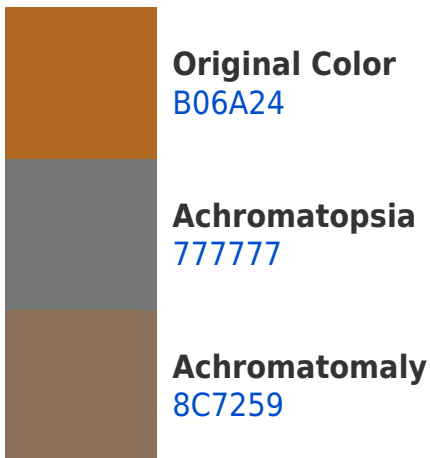


Tritanopia
B4636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06A24 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 #B06A24 looks like.

```
.text, #text, p{  
    color:#B06A24  
}
```

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 #B06A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06A24
}
```

Border

The CSS property to change the border of an element to Hex B06A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

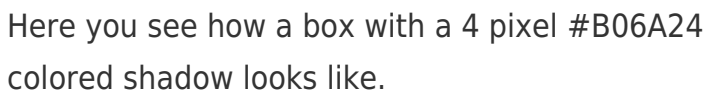
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B06A24 }
```

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

```
.border{ border-color:#B06A24 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B06A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06A24; -webkit-box-shadow:4px 4px  
4px 4px #B06A24; box-shadow:4px 4px 4px  
4px #B06A24 }
```

Background

The CSS property to change the background color of an element to Hex B06A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06A24 }
```

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

```
.background{ background-color:#B06A24 }
```

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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