

Converting Colors

Hex(B46224)

Have a look what the booklet for
Hex(B46224) contains.

Hex(B46224)	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(B46224)

Conversions

Conversions Part 1

Format	Color
Hex	B46224
RGB	180, 98, 36
RGB Percent	71%, 38%, 14%
CMY	0.2941, 0.6157, 0.8588
CMYK	0.00, 0.46, 0.80, 0.29
HSL	26°, 67%, 42%
HSV	26°, 80%, 71%
XYZ	23.5085, 18.5660, 4.0136
YIQ	115.4500, 68.7740, -1.8980

Conversions

Conversions Part 2

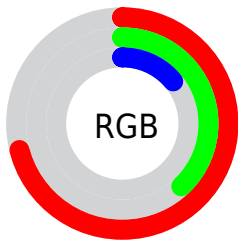
Format	Color
R_{YB}	180, 145, 36
Decimal	11821604
CIE _{Lab}	50.18, 28.62, 47.53
CIE _{LCh}	50, 55.484, 58.950
Yxy	18.5660, 0.5101, 0.4028
Android (android.graphics.Color)	4290011684 (0xFFB46224)
YUV	115.4500, -39.1688, 56.6103
Hunter-Lab	43.0883, 21.9830, 24.6390

Details

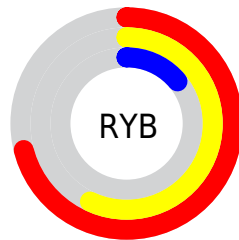
The Hex color **B46224** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2476B4**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F19655**, and **793200** is the 20% darker color. If you saturate the color by 10%, you get **B45812**, and if you desaturate by 10%, it is **B46C36**.

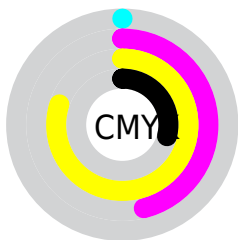
Distribution



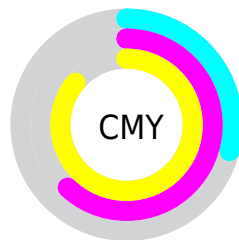
- Red (71%)
- Green (38%)
- Blue (14%)



- Red (71%)
- Yellow (57%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46224 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 B46224 by changing the saturation by 10% instead.

 B46224

 B46224

FFFFFF

 964908

 F19655

 793200

 FFB16F

 5D1A00

 FFCC89

 410200

 FFE9A4

 2A0001

 FFFFBF

 000000

 FFFFDC

 FFFFF9

 B46224

 B46224

 B45812

 B46C36

 B44E00

 B47748

 B4815A

 B48B6C

 B4957E

 B4A090

 B4AAA2

 B4B4B4

 B4BEC6

Harmonies

Analogous

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



C94F4D



B46224



907503

Triad

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



B46224



008D74



736CCB

Complementary

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



B46224



2476B4

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.



007DD6



B46224



008DA4

Square

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



B46224



0A8A44



0088C8



AE56A9

Rectangle

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



B46224



727E0D



0088C8



5472D1

Sweetspot

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



B46224



EBCBB2



B42478



756253



F5F5F5



757575

Same Dimension

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



B46224



EB6A09



B4A824



595450



994200



1A0B00

Inverse Universe

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



2476B4



098AEB



2430B4



505559



005799



000F1A

Previews

White Background



This preview shows how the Hex color B46224 looks on a white background.

Color Contrast Check

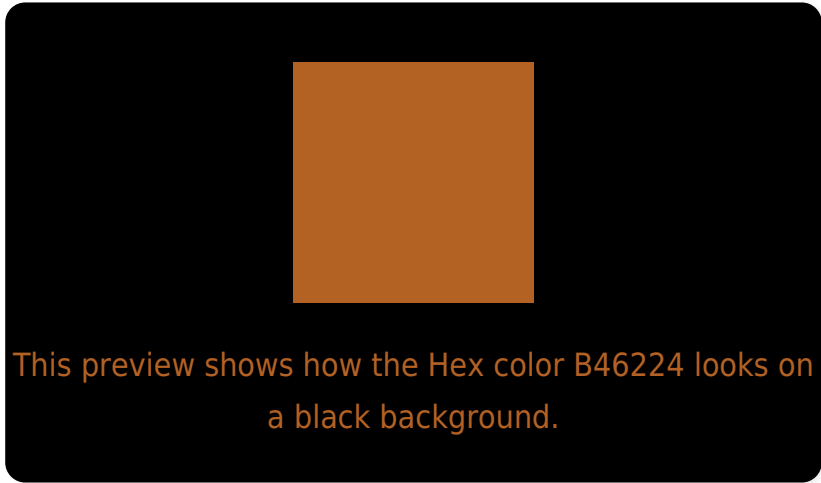
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46224 Background



This preview shows how black text looks on a background with the Hex color B46224.



This preview shows how white text looks on a background with the Hex color B46224.

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
B46224

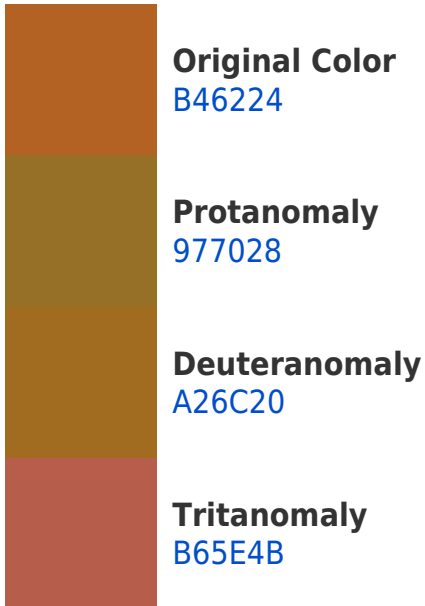
Protanopia
86782A

Deuteranopia
97721E



Tritanopia
B75C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46224 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 #B46224 looks like.

```
.text, #text, p{  
    color:#B46224  
}
```

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 #B46224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46224
}
```

Border

The CSS property to change the border of an element to Hex B46224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

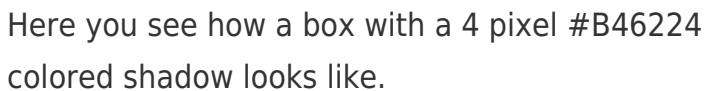
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46224 }
```

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

```
.border{ border-color:#B46224 }
```

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 #B46224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46224; -webkit-box-shadow:4px 4px  
4px 4px #B46224; box-shadow:4px 4px 4px  
4px #B46224 }
```

Background

The CSS property to change the background color of an element to Hex B46224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46224 }
```

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

```
.background{ background-color:#B46224 }
```

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