

Converting Colors

Hex(B46428)

Have a look what the booklet for
Hex(B46428) contains.

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Color

Hex(B46428)

Conversions

Conversions Part 1

Format	Color
Hex	B46428
RGB	180, 100, 40
RGB Percent	71%, 39%, 16%
CMY	0.2941, 0.6078, 0.8431
CMYK	0.00, 0.44, 0.78, 0.29
HSL	26°, 64%, 43%
HSV	26°, 78%, 71%
XYZ	23.7626, 18.9708, 4.4168
YIQ	117.0800, 66.9400, -1.7000

Conversions

Conversions Part 2

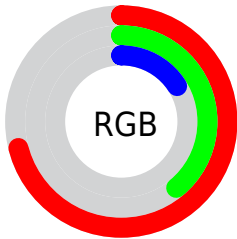
Format	Color
R_{YB}	180, 145, 40
Decimal	11822120
CIE Lab	50.65, 27.69, 46.20
CIE LCh	51, 53.860, 59.067
Yxy	18.9708, 0.5040, 0.4023
Android (android.graphics.Color)	4290012200 (0xFFB46428)
YUV	117.0800, -38.0004, 55.1808
Hunter-Lab	43.5555, 21.1620, 24.4765

Details

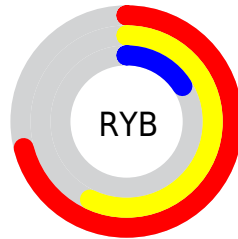
The Hex color **B46428** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2878B4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F19859**, and **793400** is the 20% darker color. If you saturate the color by 10%, you get **B45A16**, and if you desaturate by 10%, it is **B46E3A**.

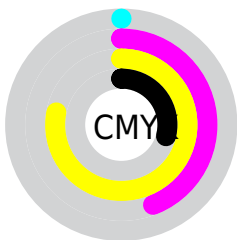
Distribution



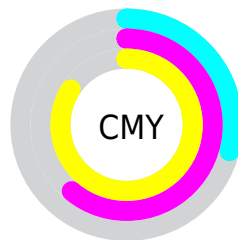
- Red (71%)
- Green (39%)
- Blue (16%)



- Red (71%)
- Yellow (57%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (78%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46428 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 B46428 by changing the saturation by 10% instead.

 B46428

 B46428

FFFFFF

 964B0E

 F19859

 793400

 FF3737

 5D1D00

 FFCE8D

 410500

 FFEBA8

 2A0001

 FFFFC3

 000000

 FFFF00

FFFFFFD

 B46428

 B46428

 B45A16

 B46E3A

 B44F04

 B4794C

 B44D00

 B4835E

 B48D70

 B49782

 B4A294

 B4ACA6

 B4B6B8

 B4C1CA

Harmonies

Analogous

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



C9524F



B46428



91760D

Triad

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



B46428



008E76



756DC9

Complementary

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



B46428



2878B4

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.



007ED5



B46428



008EA4

Square

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



B46428



178B47



0089C7



AE59A9

Rectangle

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



B46428



747F15



0089C7



5873D0

Sweetspot

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



B46428



EBCCB5



B4287A



756354



F5F5F5



757575

Same Dimension

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



B46428



EB6E10



B4A828



595450



994200



1A0B00

Inverse Universe

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



2878B4



108DEB



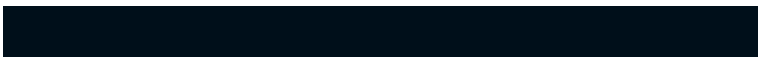
2834B4



505559



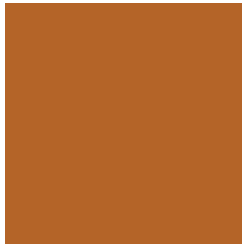
005799



000F1A

Previews

White Background



This preview shows how the Hex color B46428 looks on a white background.

Color Contrast Check

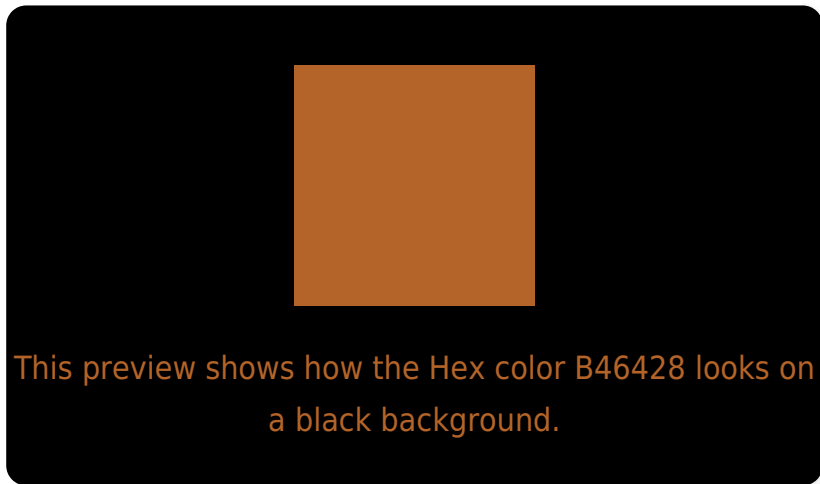
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46428 Background



This preview shows how black text looks on a background with the Hex color B46428.



This preview shows how white text looks on a background with the Hex color B46428.

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
B46428

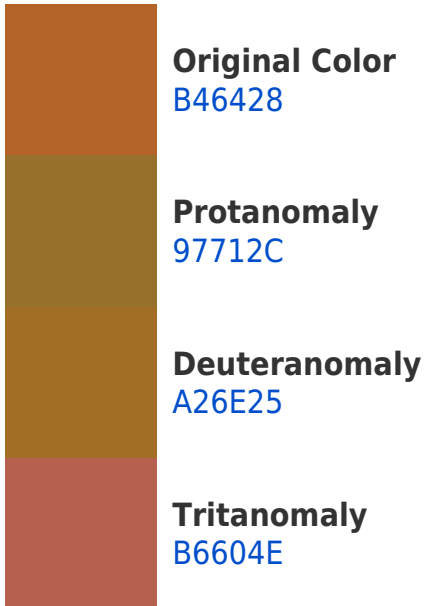
Protanopia
87792E

Deuteranopia
987323



Tritanopia
B75E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46428 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 #B46428 looks like.

```
.text, #text, p{  
    color:#B46428  
}
```

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 #B46428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46428
}
```

Border

The CSS property to change the border of an element to Hex B46428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

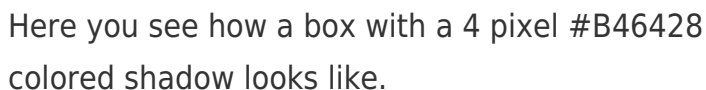
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46428 }
```

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

```
.border{ border-color:#B46428 }
```

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, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #B46428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46428; -webkit-box-shadow:4px 4px  
4px 4px #B46428; box-shadow:4px 4px 4px  
4px #B46428 }
```

Background

The CSS property to change the background color of an element to Hex B46428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46428 }
```

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

```
.background{ background-color:#B46428 }
```

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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