

Converting Colors

Hex(B46809)

Have a look what the booklet for
Hex(B46809) contains.

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Color

Hex(B46809)

Conversions

Conversions Part 1

Format	Color
Hex	B46809
RGB	180, 104, 9
RGB Percent	71%, 41%, 4%
CMY	0.2941, 0.5922, 0.9647
CMYK	0.00, 0.42, 0.95, 0.29
HSL	33°, 90%, 37%
HSV	33°, 95%, 71%
XYZ	23.8220, 19.6237, 2.7906
YIQ	115.8940, 75.7910, -13.4330

Conversions

Conversions Part 2

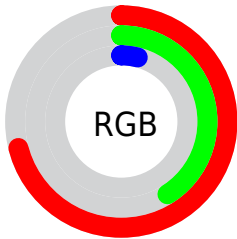
Format	Color
R _Y B	146, 180, 9
Decimal	11823113
CIE Lab	51.41, 24.69, 57.26
CIE LCh	51, 62.352, 66.673
Yxy	19.6237, 0.5152, 0.4244
Android (android.graphics.Color)	4290013193 (0xFFB46809)
YUV	115.8940, -52.6987, 56.2210
Hunter-Lab	44.2986, 18.4676, 27.2740

Details

The Hex color **B46809** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0955B4**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F19C44**, and **793800** is the 20% darker color. If you saturate the color by 10%, you get **B46400**, and if you desaturate by 10%, it is **B4701B**.

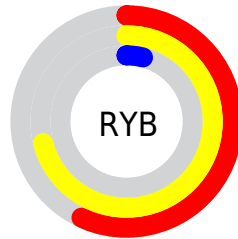
Distribution



Red (71%)

Green (41%)

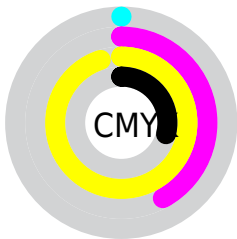
Blue (4%)



Red (57%)

Yellow (71%)

Blue (4%)

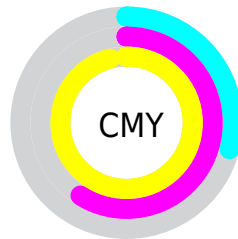


Cyan (0%)

Magenta (42%)

Yellow (95%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46809 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 B46809 by changing the saturation by 10% instead.

 B46809

 B46809

FFFFFF

 965000

 F19C44

 793800

 FFB75E

 5C2100

 FFD278

 400B00

 FFEF93

 290000

 FFFFAF

 000000

 FFFF CB

 FFFF E7

 B46809

 B46809

 B46400

 B4701B

 B4782D

 B4803F

 B48851

 B49063

 B49875

 B4A087

 B4A899

 B4B0AB

Harmonies

Analogous

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



D1503E



B46809



887C00

Triad

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



B46809



009385



8A67D1

Complementary

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



B46809



0955B4

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.



007DE5



B46809



0092B9

Square

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



B46809



00904E



008BDC



C34DA6

Rectangle

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



B46809



658500



008BDC



6C6FDB

Sweetspot

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



B46809



EBCCA7



B40956



75634C



F5F5F5



757575

Same Dimension

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



B46809



EB8200



ABB409



595550



995500



1A0E00

Inverse Universe

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



0955B4



0068EB



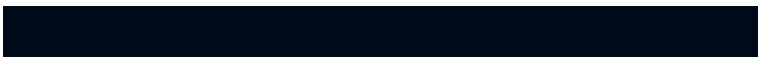
1209B4



505459



004499



000B1A

Previews

White Background



This preview shows how the Hex color B46809 looks on a white background.

Color Contrast Check

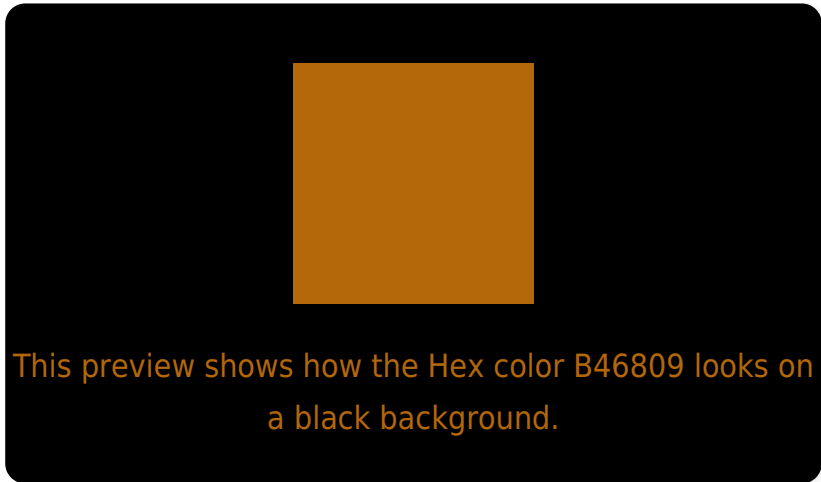
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46809 Background



This preview shows how black text looks on a background with the Hex color B46809.



This preview shows how white text looks on a background with the Hex color B46809.

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
B46809

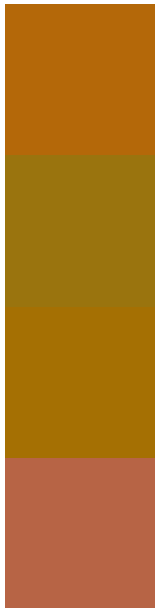
Protanopia
8B7B11

Deuteranopia
9C7500



Tritanopia
B86168

Trichromacy



Original Color
B46809

Protanomaly
9A740E

Deuteranomaly
A57003

Tritanomaly
B76445

Monochromacy



Original Color
B46809

Achromatopsia
747474

Achromatomaly
8B704D

CSS Examples

Text

The CSS property to change the color of the text to Hex B46809 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 #B46809 looks like.

```
.text, #text, p{  
    color:#B46809  
}
```

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 #B46809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46809
}
```

Border

The CSS property to change the border of an element to Hex B46809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

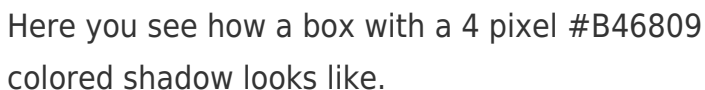
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46809 }
```

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

```
.border{ border-color:#B46809 }
```

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. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B46809 colored shadow looks like."

Here you see how a box with a 4 pixel #B46809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46809; -webkit-box-shadow:4px 4px  
4px 4px #B46809; box-shadow:4px 4px 4px  
4px #B46809 }
```

Background

The CSS property to change the background color of an element to Hex B46809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46809 }
```

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

```
.background{ background-color:#B46809 }
```

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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