

Converting Colors

Hex(B46C12)

Have a look what the booklet for
Hex(B46C12) contains.

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Color

Hex(B46C12)

Conversions

Conversions Part 1

Format	Color
Hex	B46C12
RGB	180, 108, 18
RGB Percent	71%, 42%, 7%
CMY	0.2941, 0.5765, 0.9294
CMYK	0.00, 0.40, 0.90, 0.29
HSL	33°, 82%, 39%
HSV	33°, 90%, 71%
XYZ	24.2941, 20.4721, 3.2433
YIQ	119.2680, 71.8020, -12.7260

Conversions

Conversions Part 2

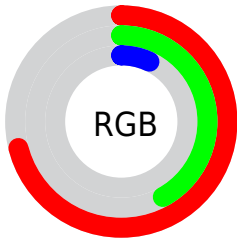
Format	Color
R _Y B	148, 180, 18
Decimal	11824146
CIE Lab	52.37, 22.63, 55.88
CIE LCh	52, 60.285, 67.951
Yxy	20.4721, 0.5060, 0.4264
Android (android.graphics.Color)	4290014226 (0xFFB46C12)
YUV	119.2680, -49.9251, 53.2620
Hunter-Lab	45.2461, 16.6619, 27.4222

Details

The Hex color **B46C12** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **125AB4**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F1A049**, and **793C00** is the 20% darker color. If you saturate the color by 10%, you get **B46400**, and if you desaturate by 10%, it is **B47424**.

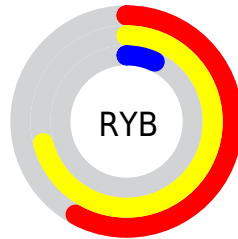
Distribution



Red (71%)

Green (42%)

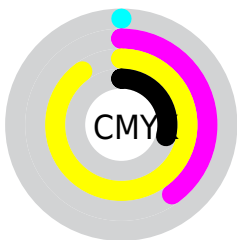
Blue (7%)



Red (58%)

Yellow (71%)

Blue (7%)

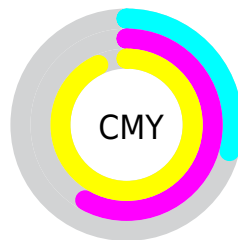


Cyan (0%)

Magenta (40%)

Yellow (90%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46C12 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 B46C12 by changing the saturation by 10% instead.

 B46C12

 B46C12

FFFFFF

 965300

 F1A049

 793C00

 FFBB63

 5C2500

 FFD77D

 411000

 FFF398

 290000

 FFFFB4

 000000

 FFFF00

 FFFF00

 B46C12

 B46C12

 B46400

 B47424

 B47C36

 B48448

 B48C5A

 B4946C

 B49C7E

 B4A490

 B4ACA2

 B4B4B4

Harmonies

Analogous

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



D15540



B46C12



897F00

Triad

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



B46C12



00958A



9069CF

Complementary

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



B46C12



125AB4

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.



007FE4



B46C12



0093BB

Square

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



B46C12



009254



008DDD



C551A5

Rectangle

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



B46C12



668810



008DDD



7471D9

Sweetspot

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



B46C12



EBCEAB



B4125B



756550



F5F5F5



757575

Same Dimension

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



B46C12



EB8200



ACB412



595550



995500



1A0E00

Inverse Universe

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



125AB4



0068EB



1A12B4



505459



004499



000B1A

Previews

White Background



This preview shows how the Hex color B46C12 looks on a white background.

Color Contrast Check

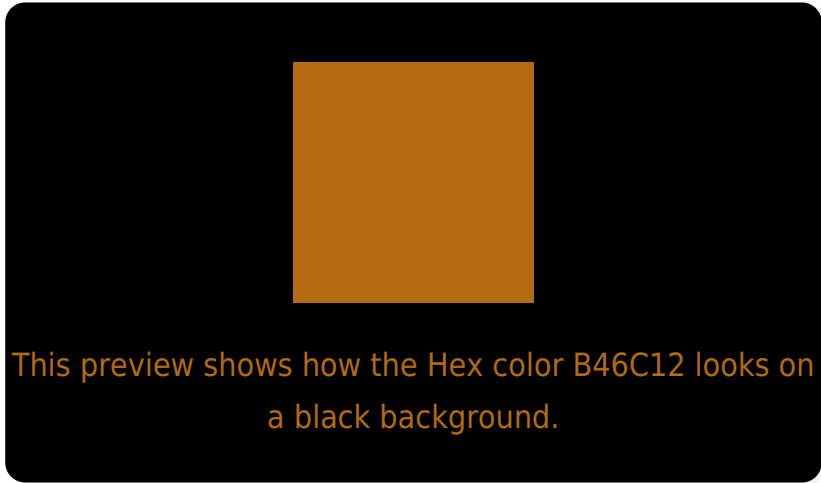
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46C12 Background



This preview shows how black text looks on a background with the Hex color B46C12.



This preview shows how white text looks on a background with the Hex color B46C12.

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
B46C12

Protanopia
8D7E17

Deuteranopia
9F7700

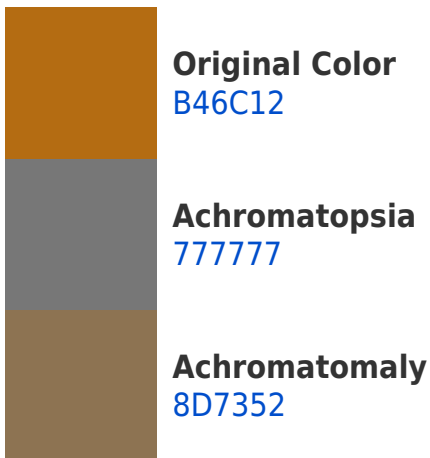


Tritanopia
B8656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46C12 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 #B46C12 looks like.

```
.text, #text, p{  
    color:#B46C12  
}
```

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 #B46C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46C12
}
```

Border

The CSS property to change the border of an element to Hex B46C12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

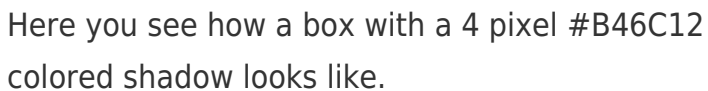
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46C12 }
```

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

```
.border{ border-color:#B46C12 }
```

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 #B46C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46C12; -webkit-box-shadow:4px 4px  
4px 4px #B46C12; box-shadow:4px 4px 4px  
4px #B46C12 }
```

Background

The CSS property to change the background color of an element to Hex B46C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46C12 }
```

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

```
.background{ background-color:#B46C12 }
```

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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