

Converting Colors

Hex(B34706)

Have a look what the booklet for
Hex(B34706) contains.

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Color

Hex(B34706)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | B34706 |
| RGB | 179, 71, 6 |
| RGB Percent | 70%, 28%, 2% |
| CMY | 0.2980, 0.7216, 0.9765 |
| CMYK | 0.00, 0.60, 0.97, 0.30 |
| HSL | 23°, 94%, 36% |
| HSV | 23°, 97%, 70% |
| XYZ | 20.8765, 14.1033, 1.7942 |
| YIQ | 95.8820, 85.2330, 2.6810 |

Conversions

Conversions Part 2

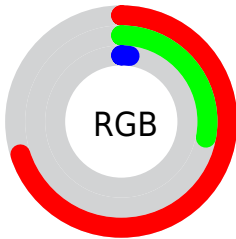
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 179, 110, 6 |
| Decimal | 11749126 |
| CIE _{Lab} | 44.38, 41.42, 53.21 |
| CIE _{LCh} | 44, 67.429, 52.105 |
| Yxy | 14.1033, 0.5677, 0.3835 |
| Android (android.graphics.Color) | 4289939206 (0xFFB34706) |
| YUV | 95.8820, -44.3118, 72.8945 |
| Hunter-Lab | 37.5544, 33.5081, 23.4554 |

Details

The Hex color **B34706** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0672B3**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F27B3D**, and **761100** is the 20% darker color. If you saturate the color by 10%, you get **B34300**, and if you desaturate by 10%, it is **B35218**.

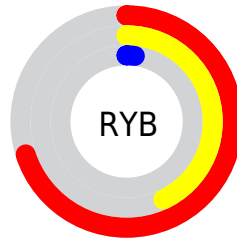
Distribution



Red (70%)

Green (28%)

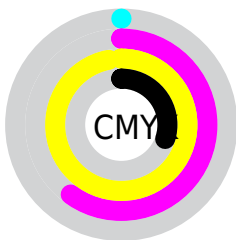
Blue (2%)



Red (70%)

Yellow (43%)

Blue (2%)

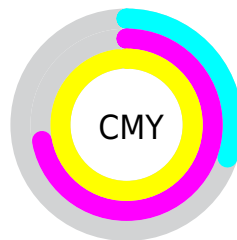


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (30%)



Cyan (30%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34706 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 B34706 by changing the saturation by 10% instead.

 B34706

 B34706

 FFFFFA

 942D00

 F27B3D

 761100

 FF9656

 580000

 FFB170

 3C0000

 FFCD8A

 1F0001

 FFEAA5

 000000

 FFFF00

 FFFFDD

 B34706

 B34706

 B34300

 B35218

 B35D2A

 B3693C

 B3744E

 B37F60

 B38A71

 B39583

 B3A095

 B3ACA7

Harmonies

Analogous

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



C82643



B34706



8C6100

Triad

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



B34706



008058



3B61D2

Complementary

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



B34706



0672B3

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.



0074D9



B34706



008192

Square

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



B34706



007C1A



007EC1



9C42AF

Rectangle

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



B34706



6B6E00



007EC1



0069D8

Sweetspot

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



B34706



E8BEA5



B30674



755C4C



F5F5F5



757575

Same Dimension

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



B34706



E85700



B39C06



595450



993900



1A0A00

Inverse Universe

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



0672B3



0091E8



061DB3



505659



006099



00101A

Previews

White Background



This preview shows how the Hex color B34706 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B34706 Background



This preview shows how black text looks on a background with the Hex color B34706.



This preview shows how white text looks on a background with the Hex color B34706.

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
B34706

Protanopia
776A13

Deuteranopia
856400



Tritanopia
B54246

Trichromacy



Original Color
B34706

Protanomaly
8D5D0E

Deuteranomaly
965902

Tritanomaly
B4442F

Monochromacy



Original Color
B34706

Achromatopsia
606060

Achromatomaly
7E573F

CSS Examples

Text

The CSS property to change the color of the text to Hex B34706 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 #B34706 looks like.

```
.text, #text, p{  
    color:#B34706  
}
```

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 #B34706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34706
}
```

Border

The CSS property to change the border of an element to Hex B34706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

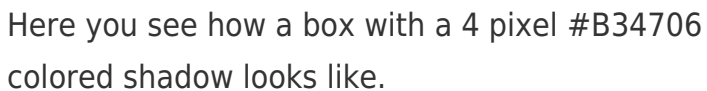
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B34706 }
```

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

```
.border{ border-color:#B34706 }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B34706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34706; -webkit-box-shadow:4px 4px  
4px 4px #B34706; box-shadow:4px 4px 4px  
4px #B34706 }
```

Background

The CSS property to change the background color of an element to Hex B34706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34706 }
```

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

```
.background{ background-color:#B34706 }
```

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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