

Converting Colors

Hex(B45700)

Have a look what the booklet for
Hex(B45700) contains.

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Color

Hex(B45700)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B45700 |
| RGB | 180, 87, 0 |
| RGB Percent | 71%, 34%, 0% |
| CMY | 0.2941, 0.6588, 1.0000 |
| CMYK | 0.00, 0.52, 1.00, 0.29 |
| HSL | 29°, 100%, 35% |
| HSV | 29°, 100%, 71% |
| XYZ | 22.2306, 16.5197, 2.0169 |
| YIQ | 104.8890, 83.3550, -7.3410 |

Conversions

Conversions Part 2

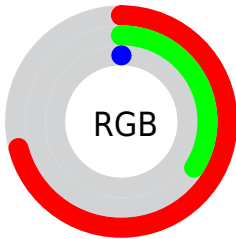
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 168, 0 |
| Decimal | 11818752 |
| CIE Lab | 47.65, 33.71, 56.82 |
| CIE LCh | 48, 66.071, 59.317 |
| Yxy | 16.5197, 0.5453, 0.4052 |
| Android (android.graphics.Color) | 4290008832 (0xFFB45700) |
| YUV | 104.8890, -51.7103, 65.8723 |
| Hunter-Lab | 40.6444, 26.5034, 25.5089 |

Details

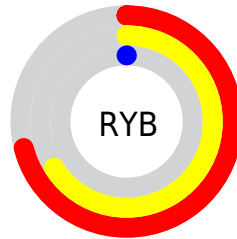
The Hex color **B45700** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005DB4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F28A3C**, and **782600** is the 20% darker color. If you saturate the color by 10%, you get **B45700**, and if you desaturate by 10%, it is **B46012**.

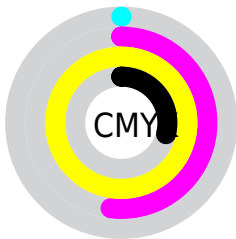
Distribution



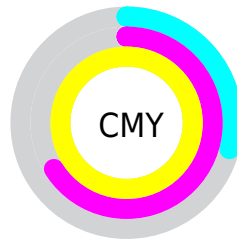
- Red (71%)
- Green (34%)
- Blue (0%)



- Red (71%)
- Yellow (66%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45700 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 B45700 by changing the saturation by 10% instead.

 B45700

 B45700

 FFFFFFFB

 963E00

 F28A3C

 782600

 FFA556

 5A0C00


 FFC170

 3E0000

 FFDD8B

 250001

 FFFAA6

 000000

 FFFFC2

 FFFFDE

 B45700

 B46012

 B46A24

 B47336

 B47C48

 B4865A

 B48F6C

 B4987E

 B4A190

 B4ABA2

Harmonies

Analogous

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



CE3A3E



B45700



8A6E00

Triad

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



B45700



00896E



6863D3

Complementary

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



B45700



005DB4

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.



0079E1



B45700



0089A6

Square

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



B45700



008634



0085D1



B145AB

Rectangle

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



B45700



677900



0085D1



396BDB

Sweetspot

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



B45700



EBC6A4



B4005D



755F4B



F5F5F5



757575

Same Dimension

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



B45700



EB7100



B4B100



595550



994A00



1A0C00

Inverse Universe

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



005DB4



0079EB



0003B4



505559



004F99



000D1A

Previews

White Background



This preview shows how the Hex color B45700 looks on a white background.

Color Contrast Check

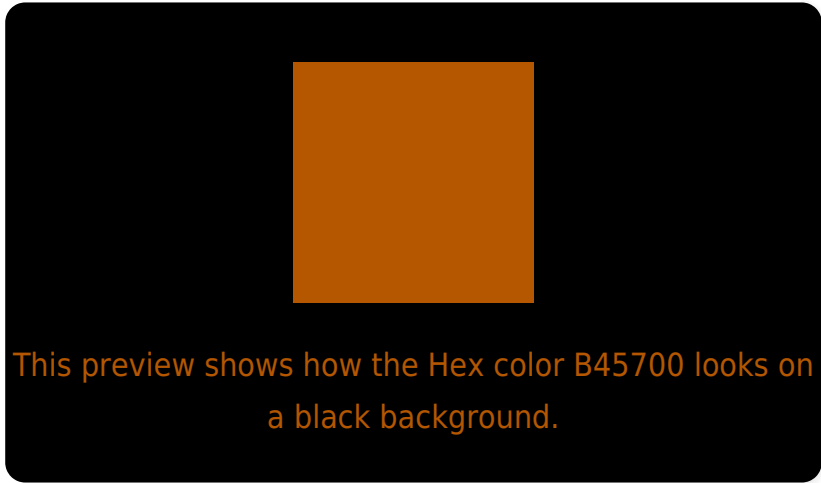
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45700 Background



This preview shows how black text looks on a background with the Hex color B45700.



This preview shows how white text looks on a background with the Hex color B45700.

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
B45700

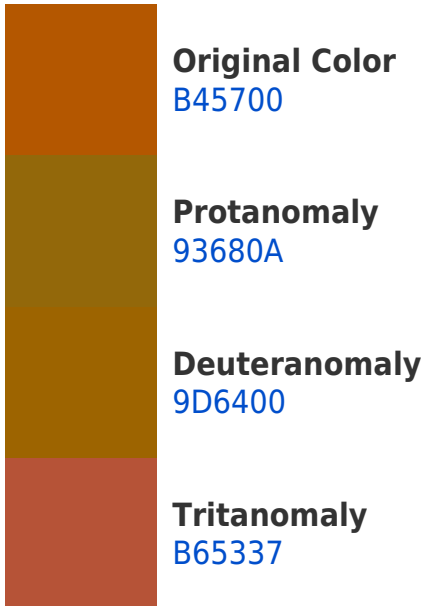
Protanopia
807210

Deuteranopia
906C00

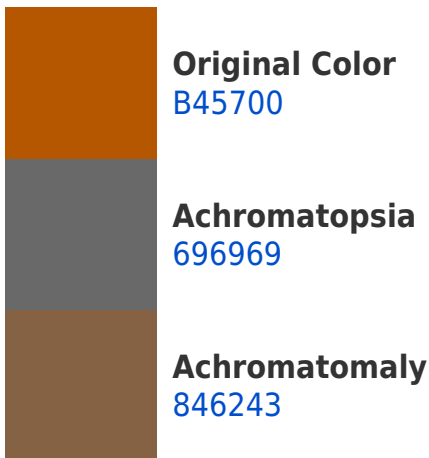


Tritanopia
B75156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45700 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 #B45700 looks like.

```
.text, #text, p{  
    color:#B45700  
}
```

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 #B45700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45700
}
```

Border

The CSS property to change the border of an element to Hex B45700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

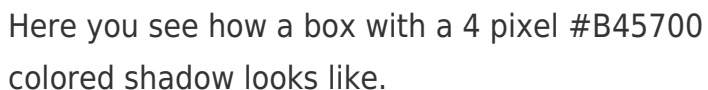
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45700 }
```

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

```
.border{ border-color:#B45700 }
```

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 thick orange line that is 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 #B45700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45700; -webkit-box-shadow:4px 4px  
4px 4px #B45700; box-shadow:4px 4px 4px  
4px #B45700 }
```

Background

The CSS property to change the background color of an element to Hex B45700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45700 }
```

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

```
.background{ background-color:#B45700 }
```

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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