

Converting Colors

Hex(B45800)

Have a look what the booklet for
Hex(B45800) contains.

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Color

Hex(B45800)

Conversions

Conversions Part 1

Format	Color
Hex	B45800
RGB	180, 88, 0
RGB Percent	71%, 35%, 0%
CMY	0.2941, 0.6549, 1.0000
CMYK	0.00, 0.51, 1.00, 0.29
HSL	29°, 100%, 35%
HSV	29°, 100%, 71%
XYZ	22.3121, 16.6827, 2.0441
YIQ	105.4760, 83.0800, -7.8640

Conversions

Conversions Part 2

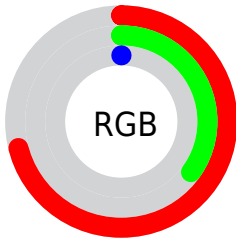
Format	Color
RYB	180, 172, 0
Decimal	11819008
CIELab	47.86, 33.19, 56.94
CIELCh	48, 65.911, 59.764
Yxy	16.6827, 0.5437, 0.4065
Android (android.graphics.Color)	4290009088 (0xFFB45800)
YUV	105.4760, -51.9997, 65.3575
Hunter-Lab	40.8445, 26.0312, 25.6239

Details

The Hex color **B45800** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005CB4**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F28B3C**, and **782700** is the 20% darker color. If you saturate the color by 10%, you get **B45800**, and if you desaturate by 10%, it is **B46112**.

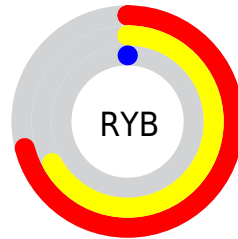
Distribution



Red (71%)

Green (35%)

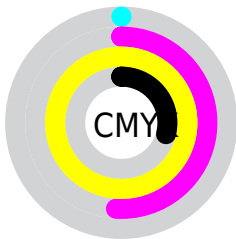
Blue (0%)



Red (71%)

Yellow (67%)

Blue (0%)

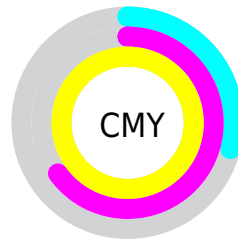


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45800 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 B45800 by changing the saturation by 10% instead.

 B45800

 B45800

 FFFFFB

 963F00

 F28B3C

 782700

 FFA656

 5A0E00

 FFC270

 3E0000

 FFDE8B

 260001

 FFFBA6

 000000

 FFFF C2

 FFFF DE

 B45800

 B46112

 B46A24

 B47436

 B47D48

 B4865A

 B48F6C

 B4987E

 B4A290

 B4ABA2

Harmonies

Analogous

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



CE3C3E



B45800



8A6F00

Triad

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



B45800



008A6F



6A63D3

Complementary

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



B45800



005CB4

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.



0079E2



B45800



008AA8

Square

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



B45800



008635



0085D2



B245AB

Rectangle

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



B45800



677A00



0085D2



3D6BDB

Sweetspot

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



B45800



EBC7A4



B4005D



75604B



F5F5F5



757575

Same Dimension

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



B45800



EB7300



B4B100



595550



994B00



1A0C00

Inverse Universe

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



005CB4



0078EB



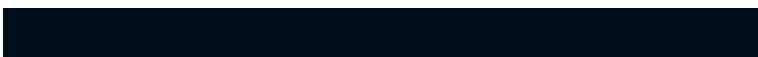
0003B4



505559



004E99



000D1A

Previews

White Background



This preview shows how the Hex color B45800 looks on a white background.

Color Contrast Check

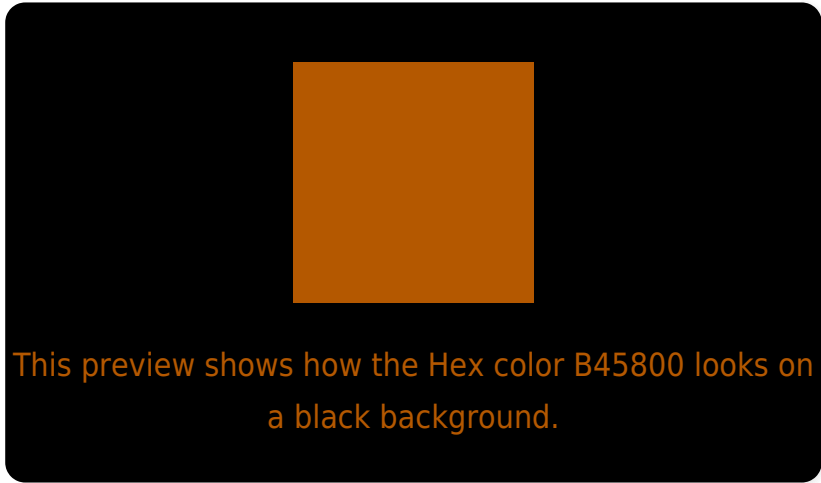
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45800 Background



This preview shows how black text looks on a background with the Hex color B45800.



This preview shows how white text looks on a background with the Hex color B45800.

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
B45800

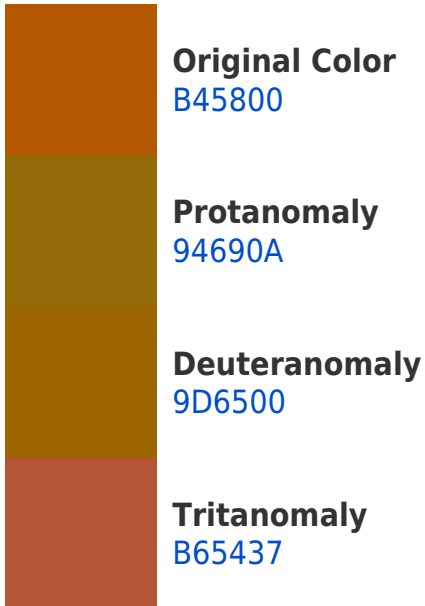
Protanopia
817310

Deuteranopia
906C00

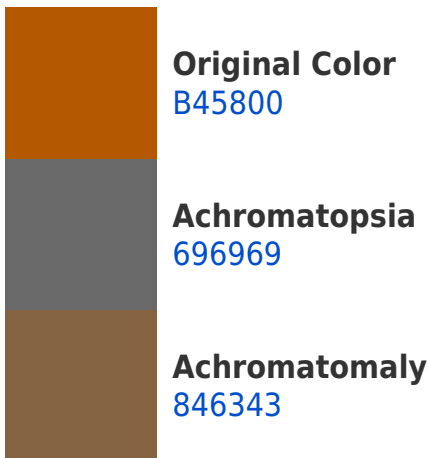


Tritanopia
B75257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45800 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 #B45800 looks like.

```
.text, #text, p{  
    color:#B45800  
}
```

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 #B45800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45800
}
```

Border

The CSS property to change the border of an element to Hex B45800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

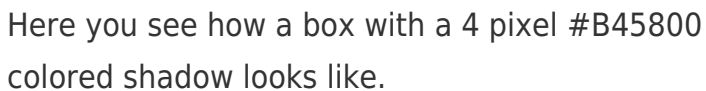
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45800 }
```

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

```
.border{ border-color:#B45800 }
```

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 and a thicker orange shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #B45800 colored shadow looks like." data-bbox="137 528 767 585"/>

Here you see how a box with a 4 pixel #B45800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45800; -webkit-box-shadow:4px 4px  
4px 4px #B45800; box-shadow:4px 4px 4px  
4px #B45800 }
```

Background

The CSS property to change the background color of an element to Hex B45800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45800 }
```

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

```
.background{ background-color:#B45800 }
```

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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