

Converting Colors

Hex(B25000)

Have a look what the booklet for
Hex(B25000) contains.

Hex(B25000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B25000)

Conversions

Conversions Part 1

Format	Color
Hex	B25000
RGB	178, 80, 0
RGB Percent	70%, 31%, 0%
CMY	0.3020, 0.6863, 1.0000
CMYK	0.00, 0.55, 1.00, 0.30
HSL	27°, 100%, 35%
HSV	27°, 100%, 70%
XYZ	21.2288, 15.2023, 1.8155
YIQ	100.1820, 84.0880, -4.1040

Conversions

Conversions Part 2

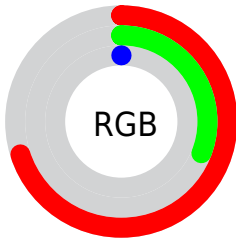
Format	Color
R _Y B	178, 145, 0
Decimal	11685888
CIE Lab	45.91, 36.51, 55.65
CIE LCh	46, 66.556, 56.730
Yxy	15.2023, 0.5551, 0.3975
Android (android.graphics.Color)	4289875968 (0xFFB25000)
YUV	100.1820, -49.3897, 68.2464
Hunter-Lab	38.9901, 28.9543, 24.5324

Details

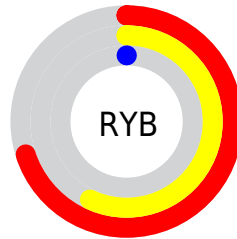
The Hex color **B25000** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0062B2**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F0833B**, and **761E00** is the 20% darker color. If you saturate the color by 10%, you get **B25000**, and if you desaturate by 10%, it is **B25A12**.

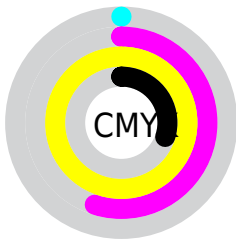
Distribution



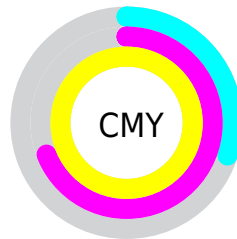
- Red (70%)
- Green (31%)
- Blue (0%)



- Red (70%)
- Yellow (57%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (30%)



- Cyan (30%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25000 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 B25000 by changing the saturation by 10% instead.

 B25000

 B25000

 FFFFFFF9

 943700

 F0833B

 761E00

 FF9E54

 580100

 FFBA6E

 3C0000

 FFD689

 210001

 FFF2A4

 000000

 FFFFBF

 FFFFDC

 B25000

 B25A12

 B26424

 B26D35

 B27747

 B28159

 B28B6B

 B2957D

 B29E8E

 B2A8A0

Harmonies

Analogous

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



CA323E



B25000



896800

Triad

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



B25000



008465



5961D1

Complementary

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



B25000



0062B2

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.



0076DD



B25000



00859E

Square

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



B25000



00812A



0081CA



A842AB

Rectangle

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



B25000



677400



0081CA



1369D9

Sweetspot

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



B25000



E8C2A2



B20065



755E4B



F5F5F5



757575

Same Dimension

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



B25000



E86800



B2A600



595450



994500



1A0B00

Inverse Universe

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



0062B2



0080E8



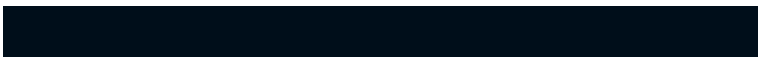
000CB2



505559



005499



000E1A

Previews

White Background



This preview shows how the Hex color B25000 looks on a white background.

Color Contrast Check

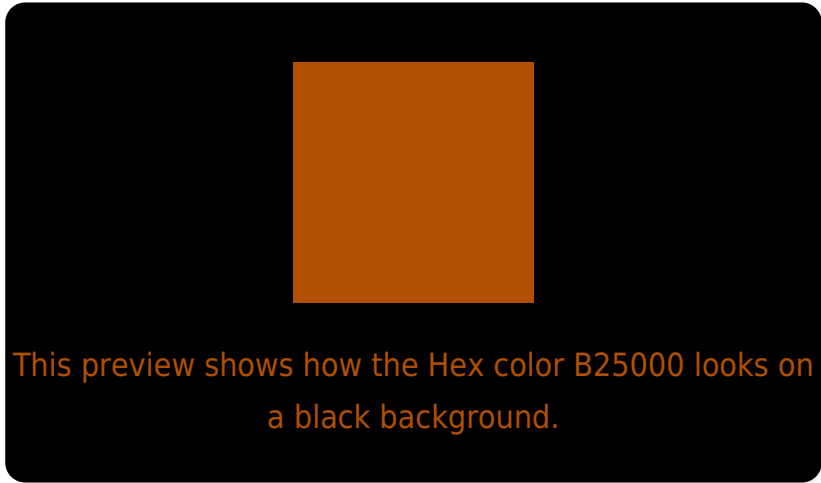
Large Text (above 18pt) WCAG AA ✓ Pass

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 B25000 Background



This preview shows how black text looks on a background with the Hex color B25000.



This preview shows how white text looks on a background with the Hex color B25000.

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
B25000

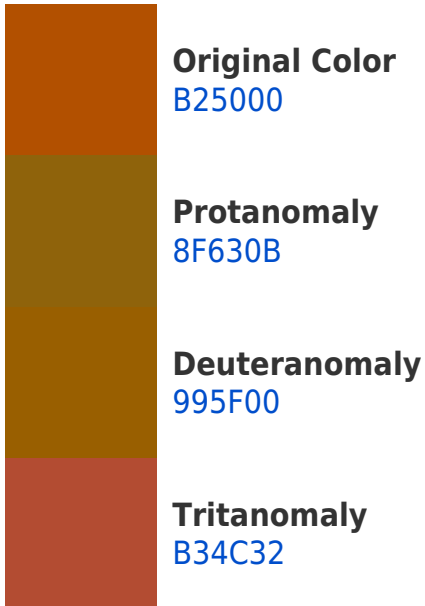
Protanopia
7B6E11

Deuteranopia
8A6800



Tritanopia
B44A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25000 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 #B25000 looks like.

```
.text, #text, p{  
    color:#B25000  
}
```

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 #B25000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25000
}
```

Border

The CSS property to change the border of an element to Hex B25000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

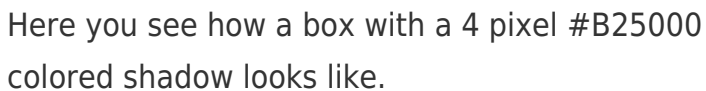
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25000 }
```

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

```
.border{ border-color:#B25000 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B25000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25000; -webkit-box-shadow:4px 4px  
4px 4px #B25000; box-shadow:4px 4px 4px  
4px #B25000 }
```

Background

The CSS property to change the background color of an element to Hex B25000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25000 }
```

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

```
.background{ background-color:#B25000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor