

Converting Colors

Hex(B73512)

Have a look what the booklet for
Hex(B73512) contains.

Hex(B73512)	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(B73512)

Conversions

Conversions Part 1

Format	Color
Hex	B73512
RGB	183, 53, 18
RGB Percent	72%, 21%, 7%
CMY	0.2824, 0.7922, 0.9294
CMYK	0.00, 0.71, 0.90, 0.28
HSL	13°, 82%, 39%
HSV	13°, 90%, 72%
XYZ	20.9107, 12.6572, 1.9132
YIQ	87.8800, 88.7150, 16.6750

Conversions

Conversions Part 2

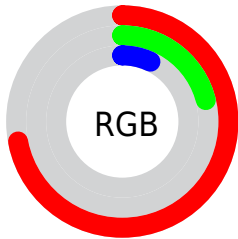
Format	Color
R _Y B	183, 62, 18
Decimal	12006674
CIE Lab	42.24, 50.80, 48.42
CIE LCh	42, 70.180, 43.628
Yxy	12.6572, 0.5893, 0.3567
Android (android.graphics.Color)	4290196754 (0xFFB73512)
YUV	87.8800, -34.4508, 83.4202
Hunter-Lab	35.5769, 42.6558, 21.7154

Details

The Hex color **B73512** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1294B7**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F66C42**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B72700**, and if you desaturate by 10%, it is **B74324**.

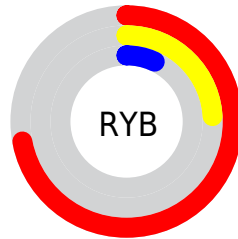
Distribution



Red (72%)

Green (21%)

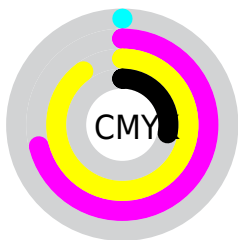
Blue (7%)



Red (72%)

Yellow (24%)

Blue (7%)

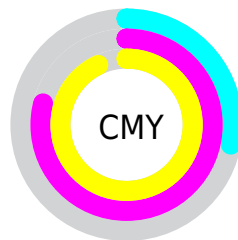


Cyan (0%)

Magenta (71%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B73512 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 B73512 by changing the saturation by 10% instead.

 B73512

 B73512

FFFFFFE

 981500

 F66C42

 790000

 FF875B

 5B0000

 FFA274

 3F0001

 FFBF8F

 1F0001

 FFDBA9

 000000

 FFF9C5

 FFFFE1

 B73512

 B73512

 B72700

 B74324

 B75237

 B76049

 B76F5B

 B77D6E

 B78C80

 B79A92

 B7A8A4

 B7B7B7

Harmonies

Analogous

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



C6034C



B73512



935500

Triad

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



B73512



007A41



0062D6

Complementary

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



B73512



1294B7

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.



0073D4



B73512



007C7E

Square

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



B73512



077500



007BB3



8445B9

Rectangle

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



B73512



746400



007BB3



0069D9

Sweetspot

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



B73512



EDBBAD



B71296



785A51



F7F7F7



787878

Same Dimension

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



B73512



ED3200



B78612



5C5553



9C2100



1C0600

Inverse Universe

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



1294B7



00BBED



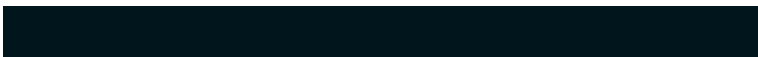
1244B7



535A5C



007B9C



00161C

Previews

White Background



This preview shows how the Hex color B73512 looks on a white background.

Color Contrast Check

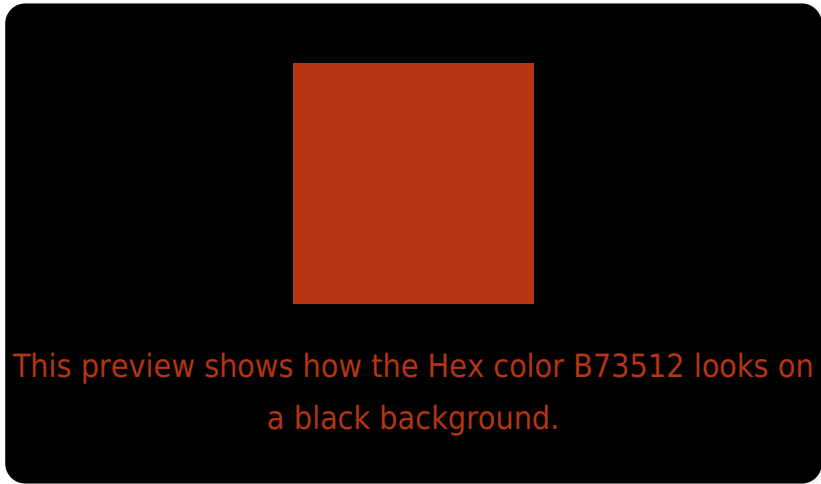
Large Text (above 18pt) WCAG AA ✓ Pass

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 B73512 Background



This preview shows how black text looks on a background with the Hex color B73512.



This preview shows how white text looks on a background with the Hex color B73512.

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

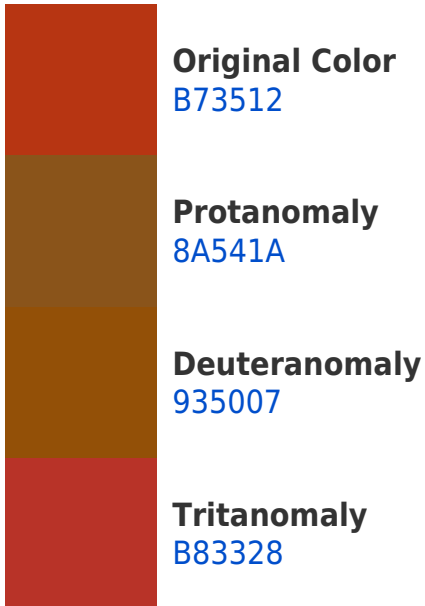


Original Color
B73512

Protanopia
71651E

Deuteranopia
7F6000

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B73512 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 #B73512 looks like.

```
.text, #text, p{  
    color:#B73512  
}
```

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 #B73512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73512
}
```

Border

The CSS property to change the border of an element to Hex B73512 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".

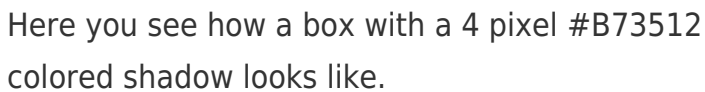
```
.border, #border, table{ border:4px solid
#B73512 }
```

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

```
.border{ border-color:#B73512 }
```

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

Here you see how a box with a 4 pixel #B73512 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73512; -webkit-box-shadow:4px 4px  
4px 4px #B73512; box-shadow:4px 4px 4px  
4px #B73512 }
```

Background

The CSS property to change the background color of an element to Hex B73512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73512 }
```

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

```
.background{ background-color:#B73512 }
```

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