

Converting Colors

Hex(5B7323)

Have a look what the booklet for
Hex(5B7323) contains.

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Color

Hex(5B7323)

Conversions

Conversions Part 1

Format	Color
Hex	5B7323
RGB	91, 115, 35
RGB Percent	36%, 45%, 14%
CMY	0.6431, 0.5490, 0.8627
CMYK	0.21, 0.00, 0.70, 0.55
HSL	78°, 53%, 29%
HSV	78°, 70%, 45%
XYZ	10.7485, 14.6070, 3.8430
YIQ	98.7040, 11.3760, -29.9680

Conversions

Conversions Part 2

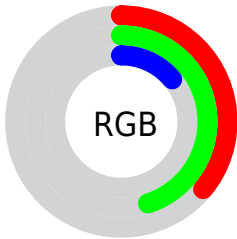
Format	Color
RYB	35, 115, 59
Decimal	5993251
CIELab	45.09, -21.53, 39.72
CIElCh	45, 45.186, 118.460
Yxy	14.6070, 0.3681, 0.5003
Android (android.graphics.Color)	4284183331 (0xFF5B7323)
YUV	98.7040, -31.4061, -6.7564
Hunter-Lab	38.2191, -16.6831, 20.7916

Details

The Hex color **5B7323** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3B2373**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8FA754**, and **2A4300** is the 20% darker color. If you saturate the color by 10%, you get **587318**, and if you desaturate by 10%, it is **5E732F**.

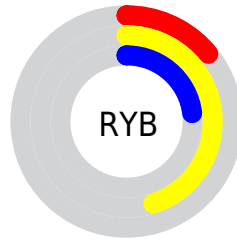
Distribution



Red (36%)

Green (45%)

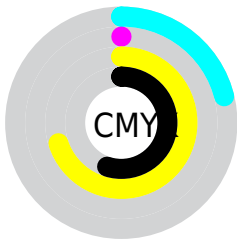
Blue (14%)



Red (14%)

Yellow (45%)

Blue (23%)

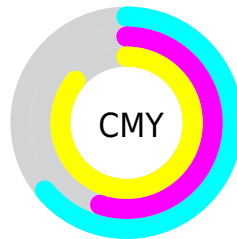


Cyan (21%)

Magenta (0%)

Yellow (70%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7323 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 5B7323 by changing the saturation by 10% instead.

 5B7323

 5B7323


FFFFFF

 425A07

 8FA754

 2A4300

 ABC26E

 112C00

 C7DE88

 001A00

 E3FBA3

 000000

 FFFFBE

 FFFFDA

 FFFFF7

 5B7323

 5B7323

■ 587318

■ 5E732F

■ 54730C

■ 62733A

■ 517301

■ 657346

■ 517300

■ 697351

■ 6C735D

■ 707368

■ 737374

■ 77737F

■ 7A738B

Harmonies

Analogous

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



806818



5B7323



257A41

Triad

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



5B7323



0078AA



AD486E

Complementary

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



5B7323



3B2373

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.



975293



5B7323



0070B6

Square

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



5B7323



007C8E



6862AD



AE4C49

Rectangle

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



5B7323



007C5A



6862AD



A84A7B

Sweetspot

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



5B7323



8D9677



733B23



474D39



CCCCCC



4D4D4D

Same Dimension

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



5B7323



71961A



337323



393B35



567A00



AFFA00

Inverse Universe

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



3B2373



3F1A96



632373



37353B



25007A



4B00FA

Previews

White Background



This preview shows how the Hex color 5B7323 looks on a white background.

Color Contrast Check

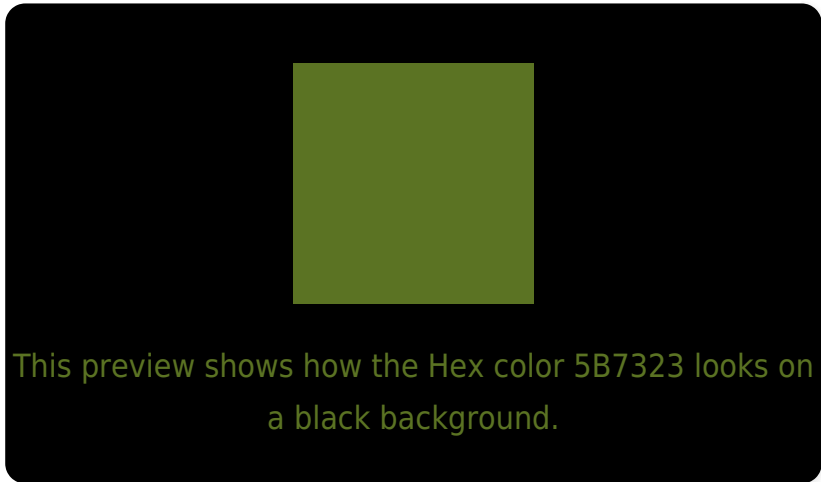
Large Text (above 18pt) WCAG AA ✓ Pass

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

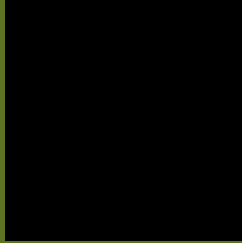
Any Text WCAG AA × Fail

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 5B7323 Background



This preview shows how black text looks on a background with the Hex color 5B7323.



This preview shows how white text looks on a background with the Hex color 5B7323.

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
5B7323

Protanopia
776B21

Deuteranopia
856528



Tritanopia
646B74

Trichromacy



Original Color
5B7323

Protanomaly
6D6E22

Deuteranomaly
766A26

Tritanomaly
616E57

Monochromacy



Original Color
5B7323

Achromatopsia
636363

Achromatomaly
60694C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7323 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 #5B7323 looks like.

```
.text, #text, p{  
    color:#5B7323  
}
```

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 #5B7323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7323
}
```

Border

The CSS property to change the border of an element to Hex 5B7323 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".

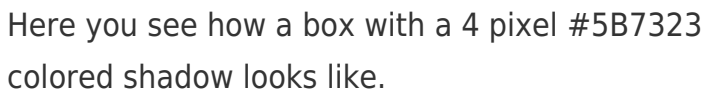
```
.border, #border, table{ border:4px solid
#5B7323 }
```

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

```
.border{ border-color:#5B7323 }
```

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

Here you see how a box with a 4 pixel #5B7323 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7323; -webkit-box-shadow:4px 4px  
4px 4px #5B7323; box-shadow:4px 4px 4px  
4px #5B7323 }
```

Background

The CSS property to change the background color of an element to Hex 5B7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7323 }
```

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

```
.background{ background-color:#5B7323 }
```

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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