

Converting Colors

Hex(5B4022)

Have a look what the booklet for
Hex(5B4022) contains.

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Color

Hex(5B4022)

Conversions

Conversions Part 1

Format	Color
Hex	5B4022
RGB	91, 64, 34
RGB Percent	36%, 25%, 13%
CMY	0.6431, 0.7490, 0.8667
CMYK	0.00, 0.30, 0.63, 0.64
HSL	32°, 46%, 25%
HSV	32°, 63%, 36%
XYZ	6.4365, 6.0064, 2.3335
YIQ	68.6530, 25.7220, -3.6060

Conversions

Conversions Part 2

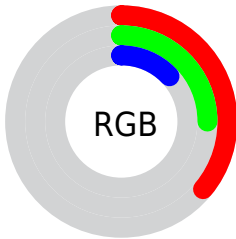
Format	Color
RYB	85, 91, 34
Decimal	5980194
CIELab	29.43, 7.99, 22.77
CIElCh	29, 24.132, 70.669
Yxy	6.0064, 0.4356, 0.4065
Android (android.graphics.Color)	4284170274 (0xFF5B4022)
YUV	68.6530, -17.0839, 19.5983
Hunter-Lab	24.5080, 3.9902, 11.5104

Details

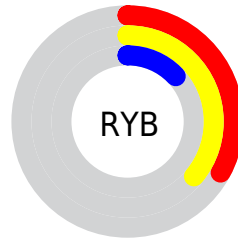
The Hex color **5B4022** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **223D5B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8F704F**, and **2B1600** is the 20% darker color. If you saturate the color by 10%, you get **5B3C19**, and if you desaturate by 10%, it is **5B442B**.

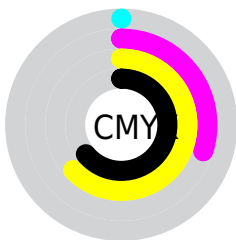
Distribution



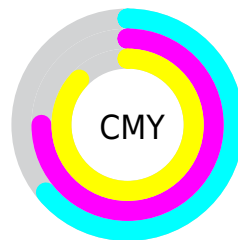
- Red (36%)
- Green (25%)
- Blue (13%)



- Red (33%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4022 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 5B4022 by changing the saturation by 10% instead.

 5B4022

 5B4022

FFFFFF

 422A0D

 8F704F

 2B1600

 AA8968

 0E0000

 C6A381

 000000

 E3BE9B

 FFDAB6

 FFF7D2

 FFFFEE

 5B4022

 5B4022

■ 5B3C19

■ 5B442B

■ 5B3710

■ 5B4934

■ 5B3307

■ 5B4D3D

■ 5B3000

■ 5B5146

■ 5B5650

■ 5B5A59

■ 5B5E62

■ 5B626B

■ 5B6774

Harmonies

Analogous

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



663A2E



5B4022



4A4620

Triad

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



5B4022



004F4C



503E62

Complementary

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



5B4022



223D5B

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.



33456A



5B4022



004E5D

Square

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



5B4022



1C4E38



034B68



623852

Rectangle

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



5B4022



3D4A24



034B68



474066

Sweetspot

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



5B4022



756B5F



5B223E



3B342D



BABABA



3B3B3B

Same Dimension

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



5B4022



754C1D



5A5B22



2E2C29



6E3A00



ED7D00

Inverse Universe

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



223D5B



1D4775



23225B



292B2E



00346E



0070ED

Previews

White Background



This preview shows how the Hex color 5B4022 looks on a white background.

Color Contrast Check

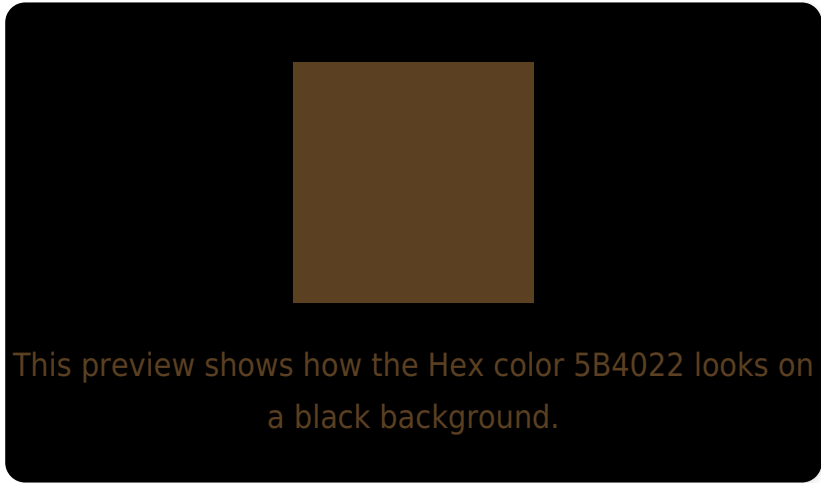
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

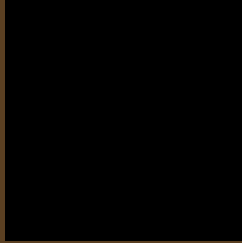
Any Text WCAG AA × Fail

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 5B4022 Background



This preview shows how black text looks on a background with the Hex color 5B4022.



This preview shows how white text looks on a background with the Hex color 5B4022.

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
5B4022

Protanopia
4D4624

Deuteranopia
564221



Tritanopia
5D3C41

Trichromacy



Original Color
5B4022

Protanomaly
524423

Deuteranomaly
584121

Tritanomaly
5C3D36

Monochromacy



Original Color
5B4022

Achromatopsia
454545

Achromatomaly
4D4338

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4022 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 #5B4022 looks like.

```
.text, #text, p{  
    color:#5B4022  
}
```

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 #5B4022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4022
}
```

Border

The CSS property to change the border of an element to Hex 5B4022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

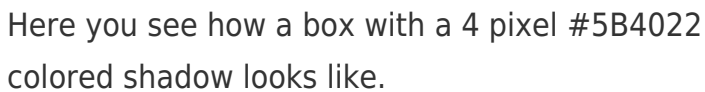
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4022 }
```

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

```
.border{ border-color:#5B4022 }
```

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



Here you see how a box with a 4 pixel #5B4022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4022; -webkit-box-shadow:4px 4px  
4px 4px #5B4022; box-shadow:4px 4px 4px  
4px #5B4022 }
```

Background

The CSS property to change the background color of an element to Hex 5B4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4022 }
```

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

```
.background{ background-color:#5B4022 }
```

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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