

Converting Colors

Hex(5A3222)

Have a look what the booklet for
Hex(5A3222) contains.

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Color

Hex(5A3222)

Conversions

Conversions Part 1

Format	Color
Hex	5A3222
RGB	90, 50, 34
RGB Percent	35%, 20%, 13%
CMY	0.6471, 0.8039, 0.8667
CMYK	0.00, 0.44, 0.62, 0.65
HSL	17°, 45%, 24%
HSV	17°, 62%, 35%
XYZ	5.6458, 4.5704, 2.0980
YIQ	60.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

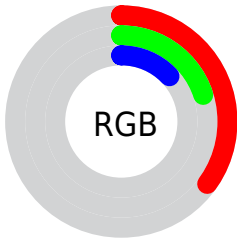
Format	Color
RYB	90, 56, 34
Decimal	5911074
CIELab	25.47, 16.32, 17.89
CIELCh	25, 24.216, 47.622
Yxy	4.5704, 0.4585, 0.3711
Android (android.graphics.Color)	4284101154 (0xFF5A3222)
YUV	60.1360, -12.8850, 26.1907
Hunter-Lab	21.3784, 9.7276, 9.1464




Details

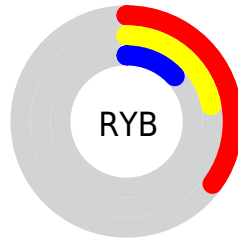
The Hex color **5A3222** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **224A5A**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **8F614F**, and **290600** is the 20% darker color. If you saturate the color by 10%, you get **5A2C19**, and if you desaturate by 10%, it is **5A382B**.

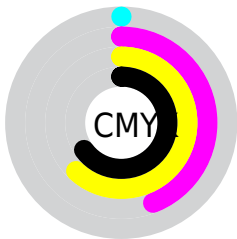
Distribution







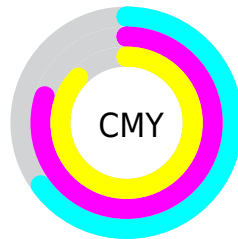
-  Red (35%)
-  Green (20%)
-  Blue (13%)






-  Red (35%)
-  Yellow (22%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (62%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (80%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3222 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 5A3222 by changing the saturation by 10% instead.

 5A3222

 5A3222

FFFFFF

 411C0D

 8F614F

 290600

 AA7A67

 000000

 C69480

 E3AE9A

 FFCAB5

 FFE6D0

 FFFFED

 5A3222

 5A3222

■ 5A2C19

■ 5A382B

■ 5A2510

■ 5A3F34

■ 5A1F07

■ 5A453D

■ 5A1A00

■ 5A4C46

■ 5A524F

■ 5A5958

■ 5A5F61

■ 5A656A

■ 5A6C73

Harmonies

Analogous

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



5F2D32



5A3222



4E3918

Triad

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



5A3222



064534



313B5F

Complementary

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



5A3222



224A5A

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.



004160



5A3222



004647

Square

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



5A3222



284323



004457



4B3355

Rectangle

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



5A3222



433D17



004457



263D61

Sweetspot

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



5A3222



75655F



5A224A



3B312D



BABABA



3B3B3B

Same Dimension

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



5A3222



75361D



5A4E22



2E2B29



6E1F00



ED4400

Inverse Universe

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



224A5A



1D5C75



222E5A



292D2E



004E6E



00A9ED

Previews

White Background



This preview shows how the Hex color 5A3222 looks on a white background.

Color Contrast Check

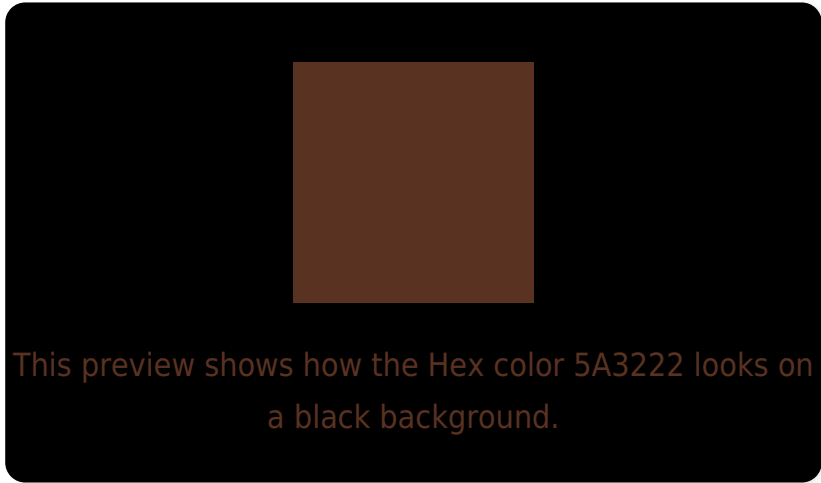
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A3222 Background



This preview shows how black text looks on a background with the Hex color 5A3222.

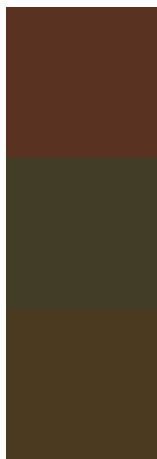


This preview shows how white text looks on a background with the Hex color 5A3222.

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
5A3222

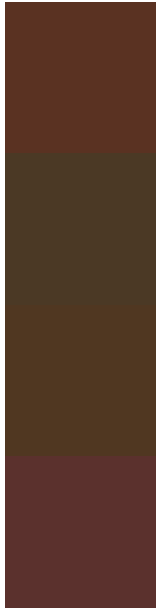
Protanopia
423D26

Deuteranopia
4B3A20



Tritanopia
5B3033

Trichromacy



Original Color
5A3222

Protanomaly
4B3925

Deuteranomaly
503721

Tritanomaly
5B312D

Monochromacy



Original Color
5A3222

Achromatopsia
3C3C3C

Achromatomaly
473833

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3222 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 #5A3222 looks like.

```
.text, #text, p{  
    color:#5A3222  
}
```

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 #5A3222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3222
}
```

Border

The CSS property to change the border of an element to Hex 5A3222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

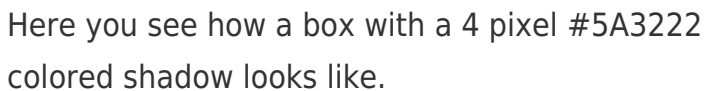
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3222 }
```

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

```
.border{ border-color:#5A3222 }
```

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



Here you see how a box with a 4 pixel #5A3222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3222; -webkit-box-shadow:4px 4px  
4px 4px #5A3222; box-shadow:4px 4px 4px  
4px #5A3222 }
```

Background

The CSS property to change the background color of an element to Hex 5A3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3222 }
```

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

```
.background{ background-color:#5A3222 }
```

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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