

Converting Colors

Hex(5D3022)

Have a look what the booklet for
Hex(5D3022) contains.

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Color

Hex(5D3022)

Conversions

Conversions Part 1

Format	Color
Hex	5D3022
RGB	93, 48, 34
RGB Percent	36%, 19%, 13%
CMY	0.6353, 0.8118, 0.8667
CMYK	0.00, 0.48, 0.63, 0.64
HSL	14°, 46%, 25%
HSV	14°, 63%, 36%
XYZ	5.8599, 4.5566, 2.0840
YIQ	59.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

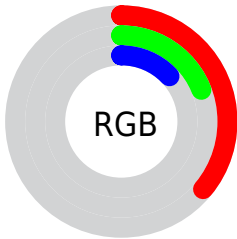
Format	Color
RYB	93, 52, 34
Decimal	6107170
CIELab	25.43, 18.94, 17.94
CIElCh	25, 26.083, 43.444
Yxy	4.5566, 0.4688, 0.3645
Android (android.graphics.Color)	4284297250 (0xFF5D3022)
YUV	59.8590, -12.7485, 29.0647
Hunter-Lab	21.3461, 11.6458, 9.1538

Details

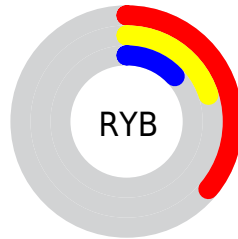
The Hex color **5D3022** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **224F5D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **925F4F**, and **2C0400** is the 20% darker color. If you saturate the color by 10%, you get **5D2919**, and if you desaturate by 10%, it is **5D372B**.

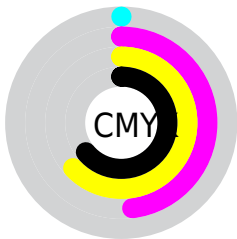
Distribution



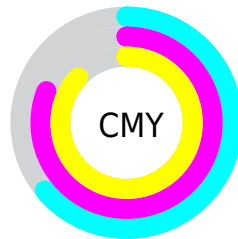
- Red (36%)
- Green (19%)
- Blue (13%)



- Red (36%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3022 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 5D3022 by changing the saturation by 10% instead.

 5D3022

 5D3022

FFFFFF

 441A0D

 925F4F

 2C0400

 AE7867

 000000

 CA9280

 E7AC9A

 FFC8B5

 FFE4D0

 FFFFEC

 5D3022

 5D3022

■ 5D2919

■ 5D372B

■ 5D220F

■ 5D3E35

■ 5D1B06

■ 5D453E

■ 5D1600

■ 5D4C47

■ 5D5351

■ 5D5B5A

■ 5D6263

■ 5D696C

■ 5D7076

Harmonies

Analogous

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



612B34



5D3022



513716

Triad

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



5D3022



054530



2A3B63

Complementary

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



5D3022



224F5D

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.



004162



5D3022



004645

Square

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



5D3022



29431E



004557



493459

Rectangle

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



5D3022



453C13



004557



1B3E64

Sweetspot

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



5D3022



786661



5D224F



3D322F



BDBDBD



3D3D3D

Same Dimension

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



5D3022



78321D



5D4D22



2E2A29



6E1A00



ED3800

Inverse Universe

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



224F5D



1D6278



22325D



292D2E



00546E



00B5ED

Previews

White Background



This preview shows how the Hex color 5D3022 looks on a white background.

Color Contrast Check

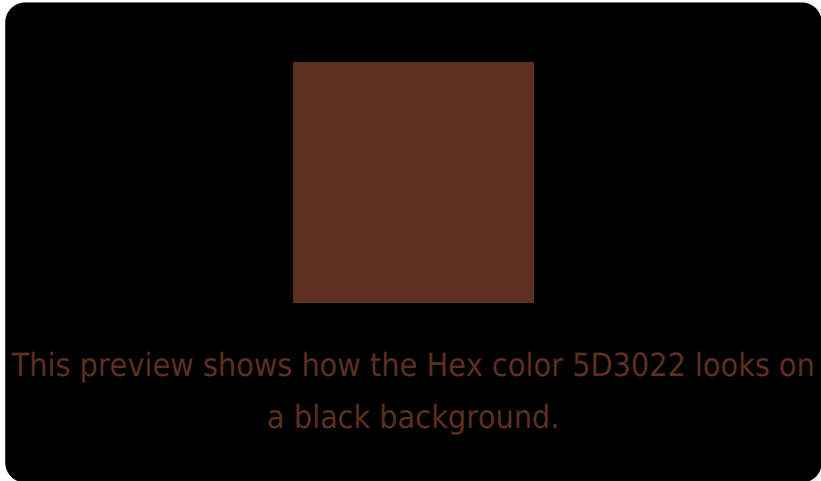
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D3022 Background



This preview shows how black text looks on a background with the Hex color 5D3022.

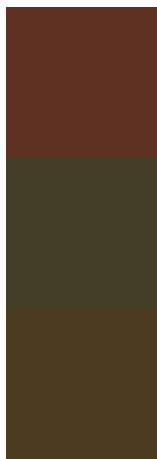


This preview shows how white text looks on a background with the Hex color 5D3022.

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
5D3022

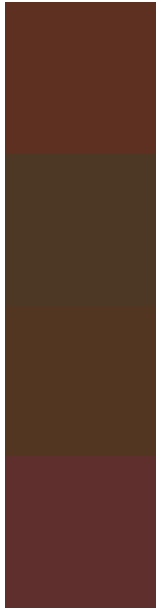
Protanopia
423D27

Deuteranopia
4B3A20



Tritanopia
5E2E31

Trichromacy



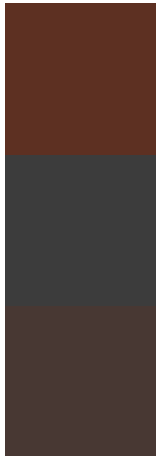
Original Color
5D3022

Protanomaly
4C3825

Deuteranomaly
523621

Tritanomaly
5E2F2C

Monochromacy



Original Color
5D3022

Achromatopsia
3C3C3C

Achromatomaly
483833

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3022 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 #5D3022 looks like.

```
.text, #text, p{  
    color:#5D3022  
}
```

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 #5D3022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3022
}
```

Border

The CSS property to change the border of an element to Hex 5D3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

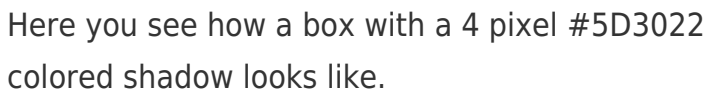
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3022 }
```

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

```
.border{ border-color:#5D3022 }
```

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



Here you see how a box with a 4 pixel #5D3022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3022; -webkit-box-shadow:4px 4px  
4px 4px #5D3022; box-shadow:4px 4px 4px  
4px #5D3022 }
```

Background

The CSS property to change the background color of an element to Hex 5D3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3022 }
```

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

```
.background{ background-color:#5D3022 }
```

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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