

Converting Colors

Hex(5F3230)

Have a look what the booklet for
Hex(5F3230) contains.

| | |
|--|----|
| Hex(5F3230) | 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(5F3230)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 5F3230 |
| RGB | 95, 50, 48 |
| RGB Percent | 37%, 20%, 19% |
| CMY | 0.6275, 0.8039, 0.8118 |
| CMYK | 0.00, 0.47, 0.49, 0.63 |
| HSL | 3°, 33%, 28% |
| HSV | 3°, 49%, 37% |
| XYZ | 6.3934, 4.9275, 3.4104 |
| YIQ | 63.2270, 27.4620, 8.9180 |

Conversions

Conversions Part 2

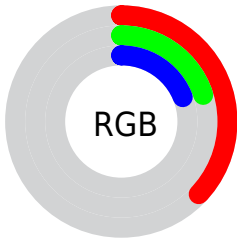
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 95, 50, 48 |
| Decimal | 6238768 |
| CIE Lab | 26.53, 20.04, 10.28 |
| CIE LCh | 27, 22.521, 27.154 |
| Yxy | 4.9275, 0.4340, 0.3345 |
| Android (android.graphics.Color) | 4284428848 (0xFF5F3230) |
| YUV | 63.2270, -7.5069, 27.8649 |
| Hunter-Lab | 22.1980, 12.5648, 6.4294 |

Details

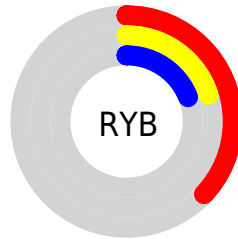
The Hex color **5F3230** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305D5F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **94615E**, and **2F0600** is the 20% darker color. If you saturate the color by 10%, you get **5F2926**, and if you desaturate by 10%, it is **5F3B39**.

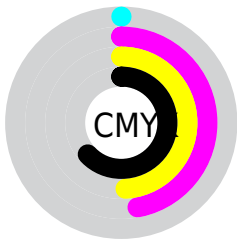
Distribution



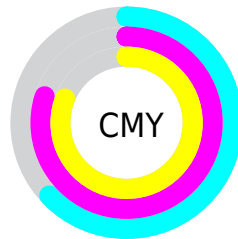
- Red (37%)
- Green (20%)
- Blue (19%)



- Red (37%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (49%)
- Black (63%)



- Cyan (63%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3230 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 5F3230 by changing the saturation by 10% instead.

 5F3230

 5F3230

FFFFFF

 461C1B

 94615E

 2F0600

 AF7A77

 0D0000

 CB9490

 000000

 E8AFAB

 FFCBC6

 FFE7E2

 5F3230

 5F3230

 5F2926

 5F3B39

■ 5F201D

■ 5F4443

■ 5F1713

■ 5F4D4D

■ 5F0E0A

■ 5F5656

■ 5F0500

■ 5F5F60

■ 5F0400

■ 5F6969

■ 5F7273

■ 5F7B7C

■ 5F8486

Harmonies

Analogous

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



5E3141



5F3230



583722

Triad

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



5F3230



25462B



1F4161

Complementary

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



5F3230



305D5F

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.



00455B



5F3230



04483C

Square

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



5F3230



3A421F



00474E



3E3B5D

Rectangle

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



5F3230



503B1D



00474E



104360

Sweetspot

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



5F3230



7A6968



5F305D



3D3332



BDBDBD



3D3D3D

Same Dimension

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



5F3230



7A3532



5F4930



302C2C



700500



F00A00

Inverse Universe

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



305D5F



32777A



30465F



2C3030



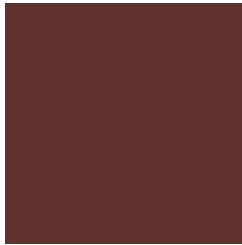
006B70



00E5F0

Previews

White Background



This preview shows how the Hex color 5F3230 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 5F3230 Background



This preview shows how black text looks on a background with the Hex color 5F3230.

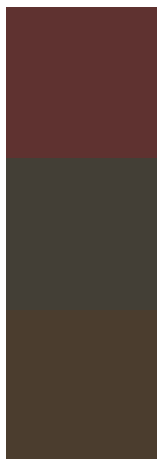


This preview shows how white text looks on a background with the Hex color 5F3230.

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
5F3230

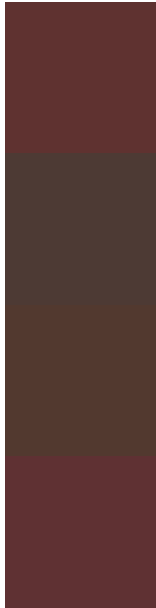
Protanopia
433F36

Deuteranopia
4B3D2E



Tritanopia
5F3135

Trichromacy



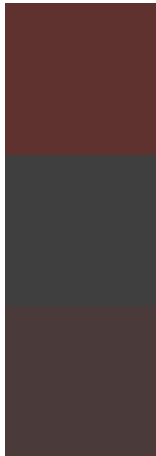
Original Color
5F3230

Protanomaly
4D3A34

Deuteranomaly
52392F

Tritanomaly
5F3133

Monochromacy



Original Color
5F3230

Achromatopsia
3F3F3F

Achromatomaly
4B3A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3230 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 #5F3230 looks like.

```
.text, #text, p{  
    color:#5F3230  
}
```

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 #5F3230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3230
}
```

Border

The CSS property to change the border of an element to Hex 5F3230 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".

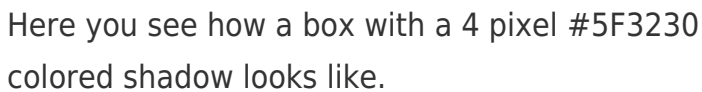
```
.border, #border, table{ border:4px solid
#5F3230 }
```

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

```
.border{ border-color:#5F3230 }
```

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

Here you see how a box with a 4 pixel #5F3230 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3230; -webkit-box-shadow:4px 4px  
4px 4px #5F3230; box-shadow:4px 4px 4px  
4px #5F3230 }
```

Background

The CSS property to change the background color of an element to Hex 5F3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3230 }
```

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

```
.background{ background-color:#5F3230 }
```

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