

Converting Colors

Hex(5F2A18)

Have a look what the booklet for
Hex(5F2A18) contains.

Hex(5F2A18)	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(5F2A18)

Conversions

Conversions Part 1

Format	Color
Hex	5F2A18
RGB	95, 42, 24
RGB Percent	37%, 16%, 9%
CMY	0.6275, 0.8353, 0.9059
CMYK	0.00, 0.56, 0.75, 0.63
HSL	15°, 60%, 23%
HSV	15°, 75%, 37%
XYZ	5.7121, 4.1548, 1.3650
YIQ	55.7950, 37.3660, 5.6380

Conversions

Conversions Part 2

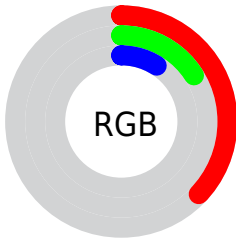
Format	Color
RYB	95, 48, 24
Decimal	6236696
CIELab	24.18, 22.67, 22.81
CIELCh	24, 32.162, 45.169
Yxy	4.1548, 0.5086, 0.3699
Android (android.graphics.Color)	4284426776 (0xFF5F2A18)
YUV	55.7950, -15.6749, 34.3828
Hunter-Lab	20.3833, 14.3516, 10.2977

Details

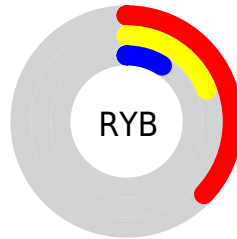
The Hex color **5F2A18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **184D5F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **955944**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5F230F**, and if you desaturate by 10%, it is **5F3122**.

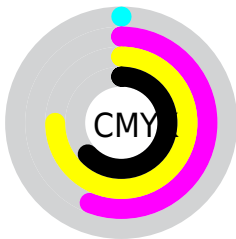
Distribution



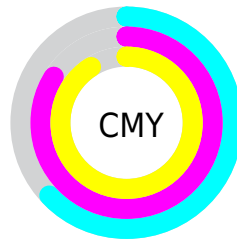
- Red (37%)
- Green (16%)
- Blue (9%)



- Red (37%)
- Yellow (19%)
- Blue (9%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2A18 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 5F2A18 by changing the saturation by 10% instead.

 5F2A18

 5F2A18

FFFFFC

 451400

 955944

 2C0000

 B2725B

 000000

 CE8B74

 EBA68E

 FFC1A8

 FFDDC4

 FFFAE0

 5F2A18

 5F2A18

■ 5F230F

■ 5F3122

■ 5F1C05

■ 5F382B

■ 5F1800

■ 5F3F35

■ 5F463E

■ 5F4D48

■ 5F5551

■ 5F5C5B

■ 5F6364

■ 5F6A6E

Harmonies

Analogous

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



65232E



5F2A18



503406

Triad

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



5F2A18



00442C



213868

Complementary

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



5F2A18



184D5F

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.



004068



5F2A18



004545

Square

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



5F2A18



1E4115



00445B



4A2E5C

Rectangle

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



5F2A18



423A02



00445B



003B6A

Sweetspot

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



5F2A18



7A665F



5F184D



3D312D



BDBDBD



3D3D3D

Same Dimension

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



5F2A18



7A280C



5F4D18



302D2C



701C00



F03D00

Inverse Universe

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



184D5F



0C5E7A



182A5F



2C2F30



005470



00B3F0

Previews

White Background



This preview shows how the Hex color 5F2A18 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 5F2A18 Background



This preview shows how black text looks on a background with the Hex color 5F2A18.

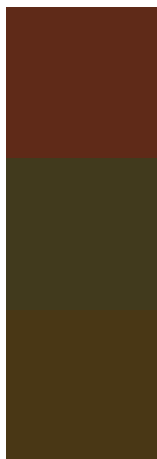


This preview shows how white text looks on a background with the Hex color 5F2A18.

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
5F2A18

Protanopia
413A1D

Deuteranopia
493715



Tritanopia
60282A

Trichromacy



Original Color
5F2A18

Protanomaly
4C341B

Deuteranomaly
513216

Tritanomaly
602923

Monochromacy



Original Color
5F2A18

Achromatopsia
383838

Achromatomaly
46332C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2A18 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 #5F2A18 looks like.

```
.text, #text, p{  
    color:#5F2A18  
}
```

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 #5F2A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2A18  
}
```

Border

The CSS property to change the border of an element to Hex 5F2A18 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".

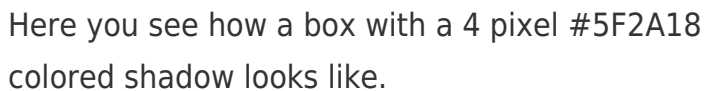
```
.border, #border, table{ border:4px solid  
#5F2A18 }
```

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

```
.border{ border-color:#5F2A18 }
```

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

Here you see how a box with a 4 pixel #5F2A18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2A18; -webkit-box-shadow:4px 4px  
4px 4px #5F2A18; box-shadow:4px 4px 4px  
4px #5F2A18 }
```

Background

The CSS property to change the background color of an element to Hex 5F2A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2A18 }
```

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

```
.background{ background-color:#5F2A18 }
```

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