

Converting Colors

Hex(5B3F18)

Have a look what the booklet for
Hex(5B3F18) contains.

Hex(5B3F18)	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(5B3F18)

Conversions

Conversions Part 1

Format	Color
Hex	5B3F18
RGB	91, 63, 24
RGB Percent	36%, 25%, 9%
CMY	0.6431, 0.7529, 0.9059
CMYK	0.00, 0.31, 0.74, 0.64
HSL	35°, 58%, 23%
HSV	35°, 74%, 36%
XYZ	6.2568, 5.8451, 1.6626
YIQ	66.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

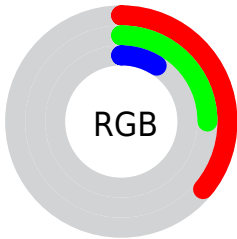
Format	Color
RYB	72, 91, 24
Decimal	5979928
CIELab	29.02, 7.84, 28.00
CIELCh	29, 29.077, 74.354
Yxy	5.8451, 0.4546, 0.4247
Android (android.graphics.Color)	4284170008 (0xFF5B3F18)
YUV	66.9260, -21.1625, 21.1129
Hunter-Lab	24.1767, 3.8855, 12.8463

Details

The Hex color **5B3F18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18345B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **906F45**, and **2A1500** is the 20% darker color. If you saturate the color by 10%, you get **5B3B0F**, and if you desaturate by 10%, it is **5B4321**.

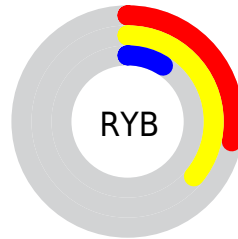
Distribution



 Red (36%)

 Green (25%)

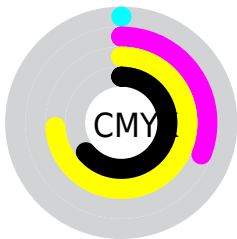
 Blue (9%)



 Red (28%)

 Yellow (36%)

 Blue (9%)

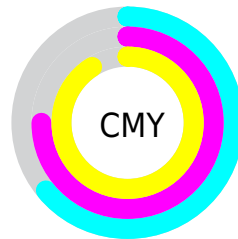


 Cyan (0%)

 Magenta (31%)

 Yellow (74%)

 Black (64%)



 Cyan (64%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3F18 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 5B3F18 by changing the saturation by 10% instead.

 5B3F18

 5B3F18

FFFFFF

 422900

 906F45

 2A1500

 AB885D

 090000

 C7A276

 000000

 E4BD90

 FFD9AB

 FFF5C6

 FFFFE2

 5B3F18

 5B3F18

■ 5B3B0F

■ 5B4321

■ 5B3706

■ 5B472A

■ 5B3500

■ 5B4A33

■ 5B4E3C

■ 5B5246

■ 5B564F

■ 5B5A58

■ 5B5D61

■ 5B616A

Harmonies

Analogous

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



693726



5B3F18



474716

Triad

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



5B3F18



00504F



543A65

Complementary

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



5B3F18



18345B

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.



314370



5B3F18



004E63

Square

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



5B3F18



004F38



004A6F



683351

Rectangle

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



5B3F18



374A1D



004A6F



4A3D6A

Sweetspot

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



5B3F18



756B5B



5B1835



3B342B



BABABA



3B3B3B

Same Dimension

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



5B3F18



754A0E



575B18



2E2C29



6E4000



ED8A00

Inverse Universe

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



18345B



0E3975



1C185B



292B2E



002E6E



0063ED

Previews

White Background



This preview shows how the Hex color 5B3F18 looks on a white background.

Color Contrast Check

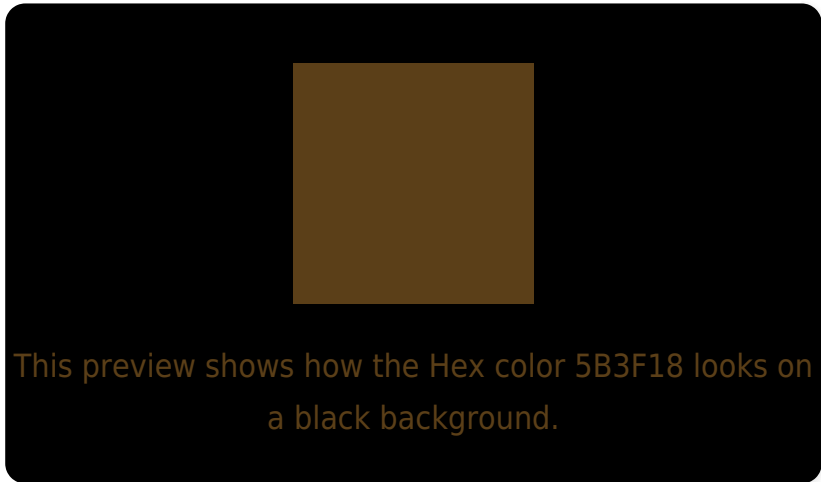
Large Text (above 18pt) WCAG AA ✓ Pass

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

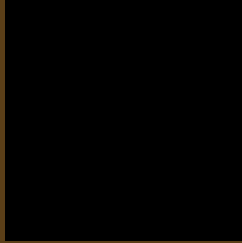
Any Text WCAG AA × Fail

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 5B3F18 Background



This preview shows how black text looks on a background with the Hex color 5B3F18.



This preview shows how white text looks on a background with the Hex color 5B3F18.

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
5B3F18

Protanopia
4D451A

Deuteranopia
564117



Tritanopia
5D3B3F

Trichromacy



Original Color
5B3F18

Protanomaly
524319

Deuteranomaly
584017

Tritanomaly
5C3C31

Monochromacy



Original Color
5B3F18

Achromatopsia
434343

Achromatomaly
4C4233

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3F18 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 #5B3F18 looks like.

```
.text, #text, p{  
    color:#5B3F18  
}
```

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 #5B3F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3F18
}
```

Border

The CSS property to change the border of an element to Hex 5B3F18 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
#5B3F18 }
```

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

```
.border{ border-color:#5B3F18 }
```

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

Here you see how a box with a 4 pixel #5B3F18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3F18; -webkit-box-shadow:4px 4px  
4px 4px #5B3F18; box-shadow:4px 4px 4px  
4px #5B3F18 }
```

Background

The CSS property to change the background color of an element to Hex 5B3F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3F18 }
```

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

```
.background{ background-color:#5B3F18 }
```

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