

Converting Colors

Hex(5B3116)

Have a look what the booklet for
Hex(5B3116) contains.

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Color

Hex(5B3116)

Conversions

Conversions Part 1

Format	Color
Hex	5B3116
RGB	91, 49, 22
RGB Percent	36%, 19%, 9%
CMY	0.6431, 0.8078, 0.9137
CMYK	0.00, 0.46, 0.76, 0.64
HSL	23°, 61%, 22%
HSV	23°, 76%, 36%
XYZ	5.5575, 4.4787, 1.3306
YIQ	58.4800, 33.6990, 0.5070

Conversions

Conversions Part 2

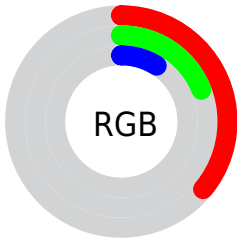
Format	Color
RYB	91, 66, 22
Decimal	5976342
CIELab	25.19, 16.50, 24.96
CIElCh	25, 29.921, 56.526
Yxy	4.4787, 0.4889, 0.3940
Android (android.graphics.Color)	4284166422 (0xFF5B3116)
YUV	58.4800, -17.9846, 28.5200
Hunter-Lab	21.1629, 9.8400, 11.0862

Details

The Hex color **5B3116** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16405B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **916042**, and **290500** is the 20% darker color. If you saturate the color by 10%, you get **5B2B0D**, and if you desaturate by 10%, it is **5B371F**.

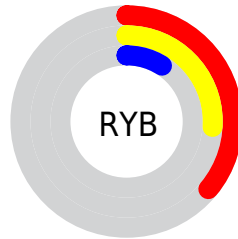
Distribution



 Red (36%)

 Green (19%)

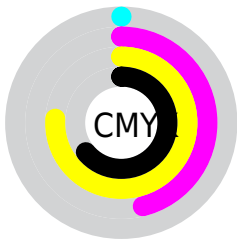
 Blue (9%)



 Red (36%)

 Yellow (26%)

 Blue (9%)

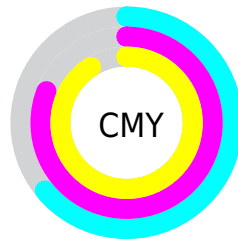


 Cyan (0%)

 Magenta (46%)

 Yellow (76%)

 Black (64%)



 Cyan (64%)

 Magenta (81%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3116 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 5B3116 by changing the saturation by 10% instead.

 5B3116

 5B3116

 FFFFFB

 421B00

 916042

 290500

 AC795A

 000000

 C99273

 E6AD8C

 FFC8A7

 FFE5C2

 FFFFDE

 5B3116

 5B3116

■ 5B2B0D

■ 5B371F

■ 5B2604

■ 5B3C28

■ 5B2400

■ 5B4231

■ 5B473A

■ 5B4D43

■ 5B524D

■ 5B5856

■ 5B5D5F

■ 5B6368

Harmonies

Analogous

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



642929



5B3116



4A3A0B

Triad

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



5B3116



004738



383764

Complementary

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



5B3116



16405B

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.



003F69



5B3116



00474F

Square

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



5B3116



154522



004461



552D55

Rectangle

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



5B3116



3C3E0C



004461



293A67

Sweetspot

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



5B3116



75655A



5B1641



3B312A



BABABA



3B3B3B

Same Dimension

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



5B3116



75340B



5B5316



2E2B29



6E2B00



ED5D00

Inverse Universe

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



16405B



0B4C75



161E5B



292C2E



00436E



0090ED

Previews

White Background



This preview shows how the Hex color 5B3116 looks on a white background.

Color Contrast Check

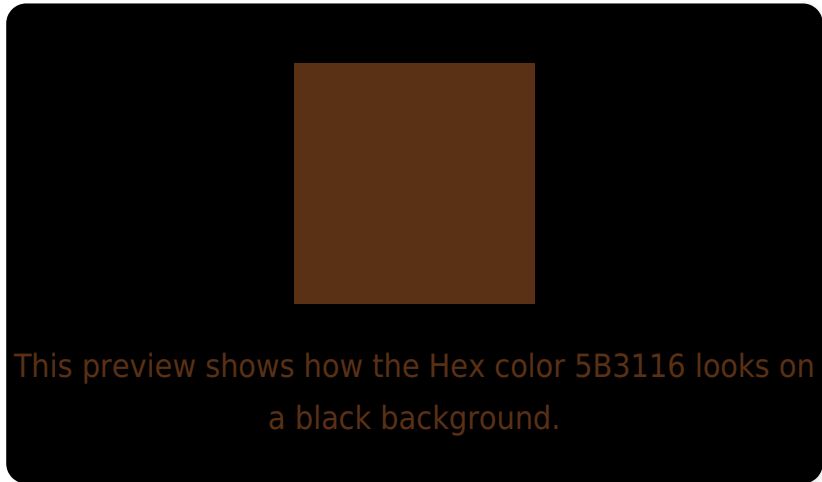
Large Text (above 18pt) WCAG AA ✓ Pass

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

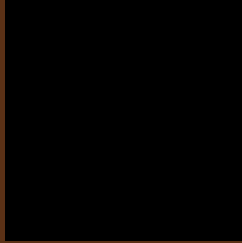
Any Text WCAG AA × Fail

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 5B3116 Background



This preview shows how black text looks on a background with the Hex color 5B3116.



This preview shows how white text looks on a background with the Hex color 5B3116.

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

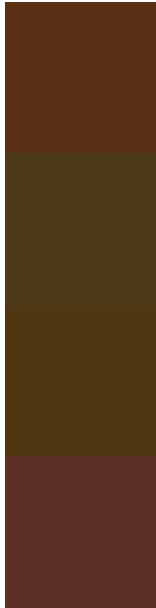


Original Color
5B3116

Protanopia
433D19

Deuteranopia
4C3913

Trichromacy



Original Color
5B3116

Protanomaly
4C3918

Deuteranomaly
513614

Tritanomaly
5C2F27

Monochromacy



Original Color
5B3116

Achromatopsia
3A3A3A

Achromatomaly
46372D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3116 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 #5B3116 looks like.

```
.text, #text, p{  
    color:#5B3116  
}
```

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 #5B3116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3116
}
```

Border

The CSS property to change the border of an element to Hex 5B3116 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
#5B3116 }
```

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

```
.border{ border-color:#5B3116 }
```

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

Here you see how a box with a 4 pixel #5B3116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3116; -webkit-box-shadow:4px 4px  
4px 4px #5B3116; box-shadow:4px 4px 4px  
4px #5B3116 }
```

Background

The CSS property to change the background color of an element to Hex 5B3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3116 }
```

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

```
.background{ background-color:#5B3116 }
```

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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