

Converting Colors

Hex(5B2414)

Have a look what the booklet for
Hex(5B2414) contains.

Hex(5B2414)	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(5B2414)

Conversions

Conversions Part 1

Format	Color
Hex	5B2414
RGB	91, 36, 20
RGB Percent	36%, 14%, 8%
CMY	0.6431, 0.8588, 0.9216
CMYK	0.00, 0.60, 0.78, 0.64
HSL	14°, 64%, 22%
HSV	14°, 78%, 36%
XYZ	5.0715, 3.5364, 1.0771
YIQ	50.6210, 37.9160, 6.6840

Conversions

Conversions Part 2

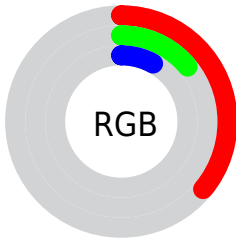
Format	Color
RYB	91, 41, 20
Decimal	5973012
CIELab	22.08, 24.12, 22.71
CIElCh	22, 33.130, 43.283
Yxy	3.5364, 0.5236, 0.3651
Android (android.graphics.Color)	4284163092 (0xFF5B2414)
YUV	50.6210, -15.0962, 35.4124
Hunter-Lab	18.8053, 15.2295, 9.7678

Details

The Hex color **5B2414** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **144B5B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **91533F**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5B1D0B**, and if you desaturate by 10%, it is **5B2B1D**.

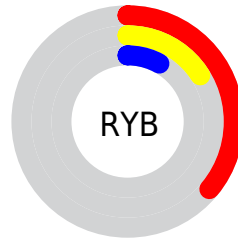
Distribution



Red (36%)

Green (14%)

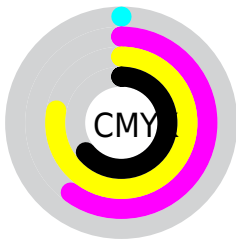
Blue (8%)



Red (36%)

Yellow (16%)

Blue (8%)

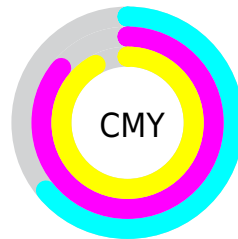


Cyan (0%)

Magenta (60%)

Yellow (78%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2414 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 5B2414 by changing the saturation by 10% instead.

 5B2414

 5B2414

 FFFFF6

 410D00

 91533F

 290000

 AE6B57

 000000

 CA856F

 E79F89

 FFBBA3

 FFD6BE

 FFF3DA

 5B2414

 5B2414

■ 5B1D0B

■ 5B2B1D

■ 5B1602

■ 5B3226

■ 5B1500

■ 5B392F

■ 5B4038

■ 5B4742

■ 5B4E4B

■ 5B5554

■ 5B5C5D

■ 5B6366

Harmonies

Analogous

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



611C2B



5B2414



4C2F00

Triad

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



5B2414



003F26



143465

Complementary

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



5B2414



144B5B

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.



003B64



5B2414



00403F

Square

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



5B2414



1A3C0E



003F56



442959

Rectangle

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



5B2414



3F3500



003F56



003766

Sweetspot

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



5B2414



75605A



5B144C



3B2E2A



BABABA



3B3B3B

Same Dimension

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



5B2414



752007



5B4714



2E2A29



6E1900



ED3500

Inverse Universe

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



144B5B



075C75



14285B



292D2E



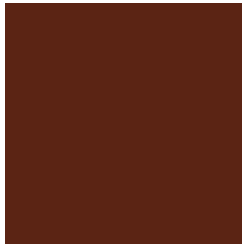
00556E



00B8ED

Previews

White Background



This preview shows how the Hex color 5B2414 looks on a white background.

Color Contrast Check

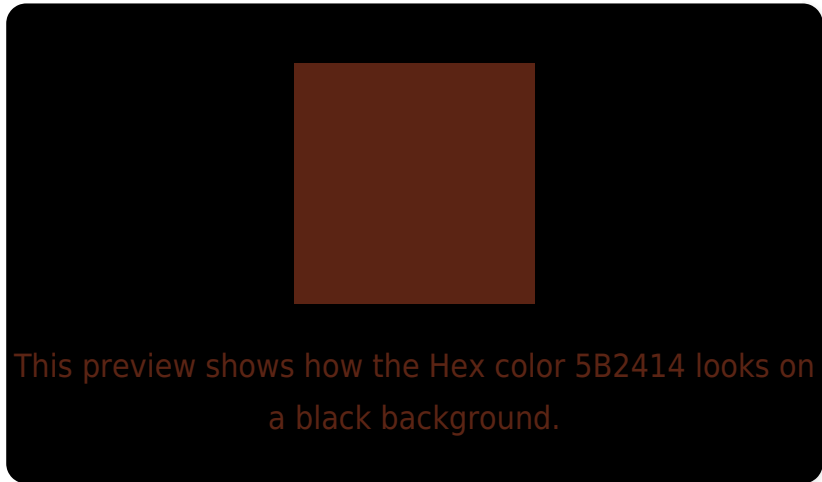
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B2414 Background



This preview shows how black text looks on a background with the Hex color 5B2414.

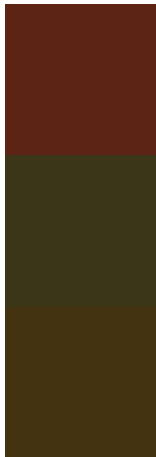


This preview shows how white text looks on a background with the Hex color 5B2414.

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
5B2414

Protanopia
3C3619

Deuteranopia
443310

Trichromacy



Original Color
5B2414

Protanomaly
472F17

Deuteranomaly
4C2E11

Tritanomaly
5C231E

Monochromacy



Original Color
5B2414

Achromatopsia
333333

Achromatomaly
422E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2414 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 #5B2414 looks like.

```
.text, #text, p{  
    color:#5B2414  
}
```

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 #5B2414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2414
}
```

Border

The CSS property to change the border of an element to Hex 5B2414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

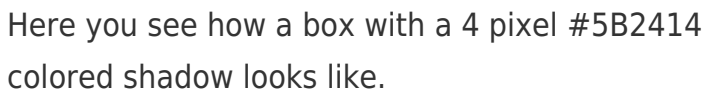
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2414 }
```

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

```
.border{ border-color:#5B2414 }
```

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



Here you see how a box with a 4 pixel #5B2414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2414; -webkit-box-shadow:4px 4px  
4px 4px #5B2414; box-shadow:4px 4px 4px  
4px #5B2414 }
```

Background

The CSS property to change the background color of an element to Hex 5B2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2414 }
```

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

```
.background{ background-color:#5B2414 }
```

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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