

Converting Colors

Hex(5B2424)

Have a look what the booklet for
Hex(5B2424) contains.

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Color

Hex(5B2424)

Conversions

Conversions Part 1

Format	Color
Hex	5B2424
RGB	91, 36, 36
RGB Percent	36%, 14%, 14%
CMY	0.6431, 0.8588, 0.8588
CMYK	0.00, 0.60, 0.60, 0.64
HSL	0°, 43%, 25%
HSV	0°, 60%, 36%
XYZ	5.2637, 3.6133, 2.0891
YIQ	52.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

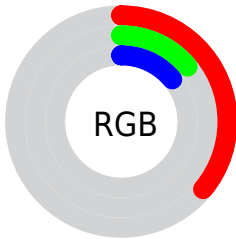
Format	Color
RYB	91, 36, 36
Decimal	5973028
CIELab	22.35, 25.29, 12.58
CIELCh	22, 28.241, 26.447
Yxy	3.6133, 0.4800, 0.3295
Android (android.graphics.Color)	4284163108 (0xFF5B2424)
YUV	52.4450, -8.1074, 33.8127
Hunter-Lab	19.0086, 16.1636, 6.7900

Details

The Hex color **5B2424** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **245B5B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **905350**, and **2B0000** is the 20% darker color. If you saturate the color by 10%, you get **5B1B1B**, and if you desaturate by 10%, it is **5B2D2D**.

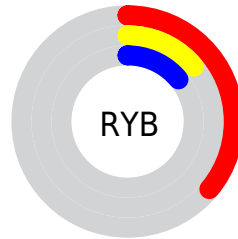
Distribution



Red (36%)

Green (14%)

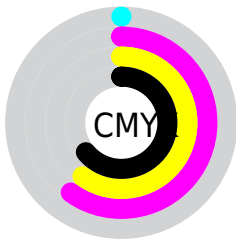
Blue (14%)



Red (36%)

Yellow (14%)

Blue (14%)

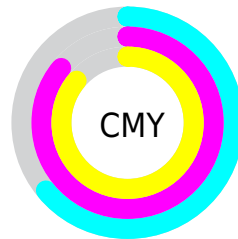


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2424 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 5B2424 by changing the saturation by 10% instead.



5B2424



5B2424

FFFFFF



410D0F



905350



2B0000



AC6C69



000000



C88582



E5A09C



FFBBB7



FFD7D2



FFF4EE



5B2424



5B2424

■ 5B1B1B

■ 5B2D2D

■ 5B1212

■ 5B3636

■ 5B0909

■ 5B3F3F

■ 5B0000

■ 5B4848

■ 5B5252

■ 5B5B5B

■ 5B6464

■ 5B6D6D

■ 5B7676

Harmonies

Analogous

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



5A2239



5B2424



522B12

Triad

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



5B2424



123E1D



00395F

Complementary

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



5B2424



245B5B

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.



003D58



5B2424



003F32

Square

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



5B2424



2E3A0D



003F48



32315B

Rectangle

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



5B2424



49310A



003F48



003A5E

Sweetspot

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



5B2424



756060



5B245B



3B2E2E



BABABA



3B3B3B

Same Dimension

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



5B2424



752020



5B4024



2E2929



6E0000



ED0000

Inverse Universe

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



245B5B



207575



24405B



292E2E



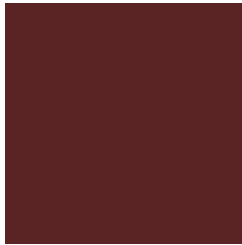
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5B2424 looks on a white background.

Color Contrast Check

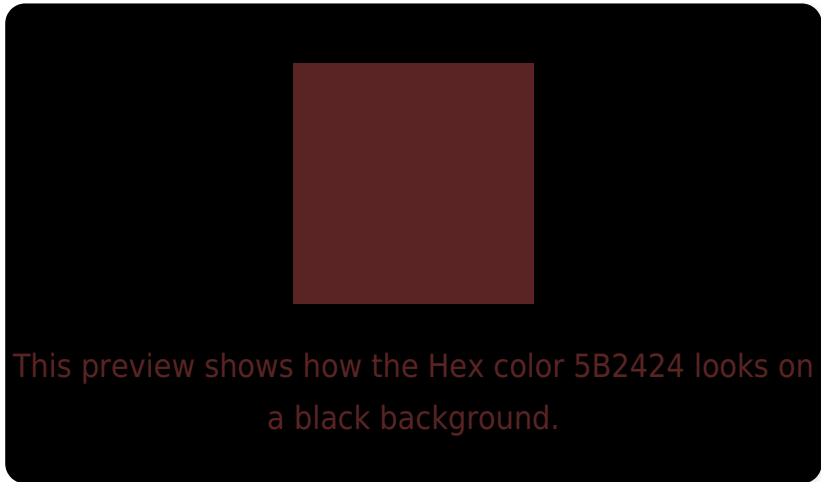
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B2424 Background



This preview shows how black text looks on a background with the Hex color 5B2424.

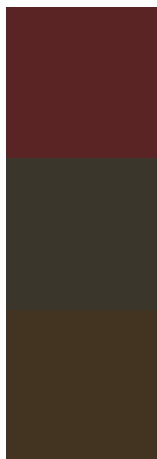


This preview shows how white text looks on a background with the Hex color 5B2424.

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
5B2424

Protanopia
3A362C

Deuteranopia
423421



Tritanopia
5B2426

Trichromacy



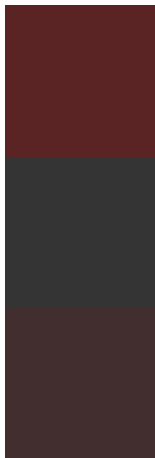
Original Color
5B2424

Protanomaly
462F29

Deuteranomaly
4B2E22

Tritanomaly
5B2425

Monochromacy



Original Color
5B2424

Achromatopsia
343434

Achromatomaly
422E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2424 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 #5B2424 looks like.

```
.text, #text, p{  
    color:#5B2424  
}
```

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 #5B2424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2424
}
```

Border

The CSS property to change the border of an element to Hex 5B2424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

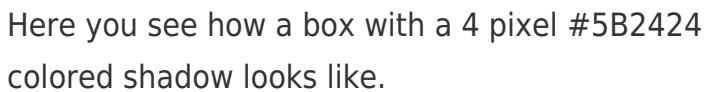
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2424 }
```

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

```
.border{ border-color:#5B2424 }
```

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



Here you see how a box with a 4 pixel #5B2424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2424; -webkit-box-shadow:4px 4px  
4px 4px #5B2424; box-shadow:4px 4px 4px  
4px #5B2424 }
```

Background

The CSS property to change the background color of an element to Hex 5B2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2424 }
```

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

```
.background{ background-color:#5B2424 }
```

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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