

# Converting Colors

Hex(5B2D22)

Have a look what the booklet for  
Hex(5B2D22) contains.

<b>Hex(5B2D22)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5B2D22)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B2D22
RGB	91, 45, 34
RGB Percent	36%, 18%, 13%
CMY	0.6431, 0.8235, 0.8667
CMYK	0.00, 0.51, 0.63, 0.64
HSL	12°, 46%, 25%
HSV	12°, 63%, 36%
XYZ	5.5415, 4.2164, 2.0352
YIQ	57.5000, 30.9470, 6.3310

# Conversions

## Conversions Part 2

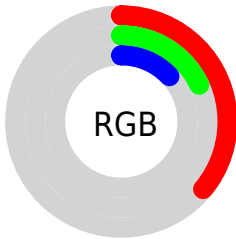
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 48, 34
Decimal	5975330
CIELab	24.37, 19.85, 16.53
CIELCh	24, 25.836, 39.788
Yxy	4.2164, 0.4699, 0.3575
Android (android.graphics.Color)	4284165410 (0xFF5B2D22)
YUV	57.5000, -11.5855, 29.3795
Hunter-Lab	20.5339, 12.2376, 8.4974

# Details

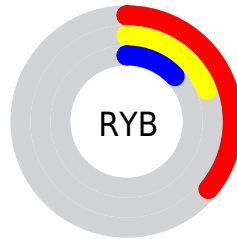
The Hex color **5B2D22** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22505B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **905C4E**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5B2619**, and if you desaturate by 10%, it is **5B342B**.

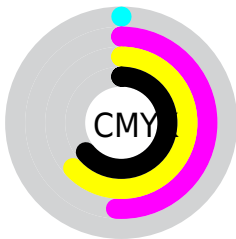
# Distribution



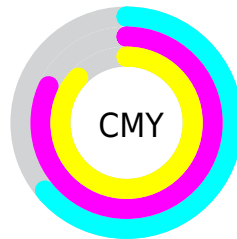
- Red (36%)
- Green (18%)
- Blue (13%)



- Red (36%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (82%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2D22 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 5B2D22 by changing the saturation by 10% instead.





5B2D22



5B2D22

FFFFFF



42170D



905C4E



2A0000



AC7567



000000



C88E80



E5A99A



FFC4B4



FFE0D0



FFFDEC



5B2D22



5B2D22

■ 5B2619

■ 5B342B

■ 5B1E10

■ 5B3C34

■ 5B1707

■ 5B433D

■ 5B1200

■ 5B4A46

■ 5B5250

■ 5B5959

■ 5B6062

■ 5B686B

■ 5B6F74

# Harmonies

## Analogous

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



5E2934



5B2D22



503415

# Triad

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



5B2D22



09432C



233A60

# Complementary

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



5B2D22



22505B

# 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.



00405E



5B2D22



004440

# Square

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



5B2D22



2A401B



004352



443258

# Rectangle

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



5B2D22



453911



004352



123C61



# Sweetspot

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



5B2D22



75635F



5B2251



3B302D



BABABA



3B3B3B



# Same Dimension

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



5B2D22



752E1D



5B4922



2E2A29



6E1500



ED2E00



# Inverse Universe

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



22505B



1D6475



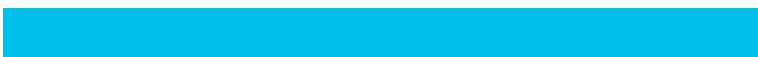
22345B



292D2E



00586E



00BFED



# Previews

## White Background



This preview shows how the Hex color 5B2D22 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

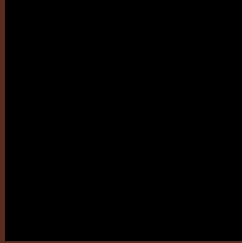
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B2D22 Background



This preview shows how black text looks on a background with the Hex color 5B2D22.

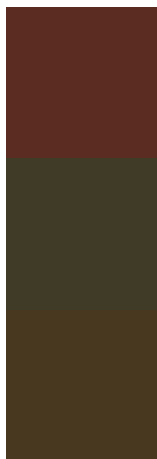


This preview shows how white text looks on a background with the Hex color 5B2D22.

# 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



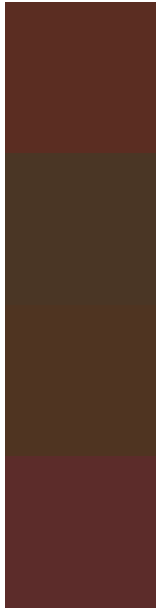
**Original Color**  
5B2D22

**Protanopia**  
403B27

**Deuteranopia**  
483820



# Trichromacy



**Original Color**  
5B2D22

**Protanomaly**  
4A3625

**Deuteranomaly**  
4F3421

**Tritanomaly**  
5C2C2A

# Monochromacy



**Original Color**  
5B2D22

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
463531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2D22 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 #5B2D22 looks like.

```
.text, #text, p{  
    color:#5B2D22  
}
```

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 #5B2D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2D22
}
```

## Border

The CSS property to change the border of an element to Hex 5B2D22 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
#5B2D22 }
```

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

```
.border{ border-color:#5B2D22 }
```

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

Here you see how a box with a 4 pixel #5B2D22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2D22; -webkit-box-shadow:4px 4px  
4px 4px #5B2D22; box-shadow:4px 4px 4px  
4px #5B2D22 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2D22 }
```

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

```
.background{ background-color:#5B2D22 }
```

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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