

# Converting Colors

Hex(5B2D02)

Have a look what the booklet for  
Hex(5B2D02) contains.

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**Color**

**Hex(5B2D02)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B2D02
RGB	91, 45, 2
RGB Percent	36%, 18%, 1%
CMY	0.6431, 0.8235, 0.9922
CMYK	0.00, 0.51, 0.98, 0.64
HSL	29°, 96%, 18%
HSV	29°, 98%, 36%
XYZ	5.2637, 4.1053, 0.5724
YIQ	53.8520, 41.2190, -3.6210

# Conversions

## Conversions Part 2

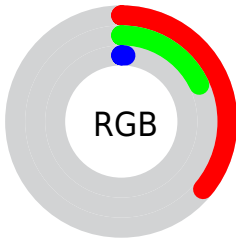
Format	Color
<a href="#">RYB</a>	<a href="#">91, 85, 2</a>
Decimal	<a href="#">5975298</a>
CIELab	<a href="#">24.02, 18.10, 33.22</a>
CIELCh	<a href="#">24, 37.831, 61.417</a>
Yxy	<a href="#">4.1053, 0.5295, 0.4129</a>
Android (android.graphics.Color)	<a href="#">4284165378 (0xFF5B2D02)</a>
YUV	<a href="#">53.8520, -25.5630, 32.5788</a>
Hunter-Lab	<a href="#">20.2615, 10.9146, 12.5081</a>

# Details

The Hex color **5B2D02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02305B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **925B31**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **5B2C00**, and if you desaturate by 10%, it is **5B320B**.

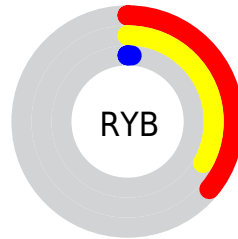
# Distribution



Red (36%)

Green (18%)

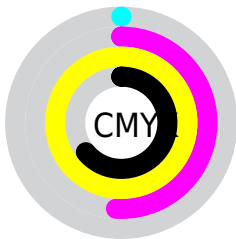
Blue (1%)



Red (36%)

Yellow (33%)

Blue (1%)

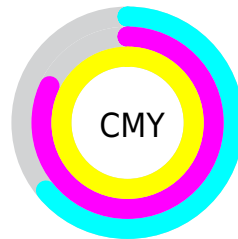


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2D02 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 5B2D02 by changing the saturation by 10% instead.



 5B2D02

 5B2D02

 FFFFE7

 411800

 925B31

 280000

 AE7448

 000000

 CB8E61

 E8A87A

 FFC494

 FFE0AF

 FFFCCA

 5B2D02

 5B2D02

■ 5B2C00

■ 5B320B

■ 5B3614

■ 5B3B1D

■ 5B4026

■ 5B4530

■ 5B4939

■ 5B4E42

■ 5B534B

■ 5B5754

# Harmonies

## Analogous

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



69201D



5B2D02



453800

# Triad

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



5B2D02



00463A



39316A

# Complementary

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



5B2D02



02305B

# 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.



003C72



5B2D02



004656

# Square

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



5B2D02



00441C



00436B



5C2355

# Rectangle

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



5B2D02



333E00



00436B



26356E



# Sweetspot

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



5B2D02



756453



5B0231



3B3026



BABABA



3B3B3B



# Same Dimension

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



5B2D02



753900



5B5802



2E2C29



6E3500



ED7300



# Inverse Universe

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



02305B



003D75



02055B



292C2E



00396E

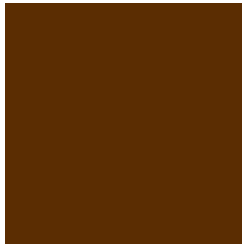


007BED



# Previews

## White Background



This preview shows how the Hex color 5B2D02 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

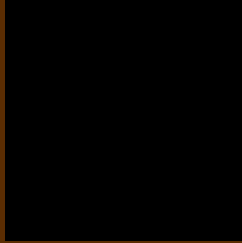
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B2D02 Background



This preview shows how black text looks on a background with the Hex color 5B2D02.



This preview shows how white text looks on a background with the Hex color 5B2D02.

# 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**  
5B2D02

**Protanopia**  
413A08

**Deuteranopia**  
493700



# Trichromacy



**Original Color**  
5B2D02

**Protanomaly**  
4A3506

**Deuteranomaly**  
503301

**Tritanomaly**  
5C2B1D

# Monochromacy



**Original Color**  
5B2D02

**Achromatopsia**  
363636

**Achromatomaly**  
433323

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2D02 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 #5B2D02 looks like.

```
.text, #text, p{  
    color:#5B2D02  
}
```

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 #5B2D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2D02
}
```

## Border

The CSS property to change the border of an element to Hex 5B2D02 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".

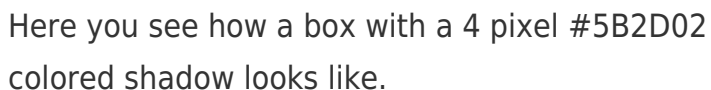
```
.border, #border, table{ border:4px solid
#5B2D02 }
```

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

```
.border{ border-color:#5B2D02 }
```

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

Here you see how a box with a 4 pixel #5B2D02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2D02; -webkit-box-shadow:4px 4px  
4px 4px #5B2D02; box-shadow:4px 4px 4px  
4px #5B2D02 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2D02 }
```

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

```
.background{ background-color:#5B2D02 }
```

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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