

# Converting Colors

Hex(5E3D02)

Have a look what the booklet for  
Hex(5E3D02) contains.

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**Color**

**Hex(5E3D02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E3D02
RGB	94, 61, 2
RGB Percent	37%, 24%, 1%
CMY	0.6314, 0.7608, 0.9922
CMYK	0.00, 0.35, 0.98, 0.63
HSL	38°, 96%, 19%
HSV	38°, 98%, 37%
XYZ	6.2958, 5.7216, 0.8300
YIQ	64.1410, 38.6070, -11.3530

# Conversions

## Conversions Part 2

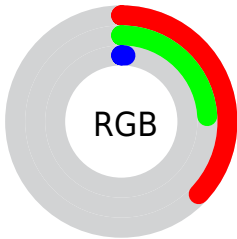
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 94, 2
Decimal	6176002
CIELab	28.70, 9.64, 37.61
CIELCh	29, 38.825, 75.626
Yxy	5.7216, 0.4900, 0.4453
Android (android.graphics.Color)	4284366082 (0xFF5E3D02)
YUV	64.1410, -30.6355, 26.1863
Hunter-Lab	23.9198, 5.1224, 14.6866

# Details

The Hex color **5E3D02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02235E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **946C33**, and **2B1300** is the 20% darker color. If you saturate the color by 10%, you get **5E3C00**, and if you desaturate by 10%, it is **5E400B**.

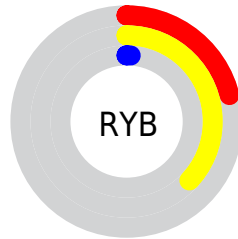
# Distribution



Red (37%)

Green (24%)

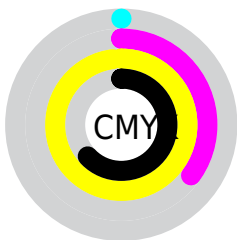
Blue (1%)



Red (21%)

Yellow (37%)

Blue (1%)

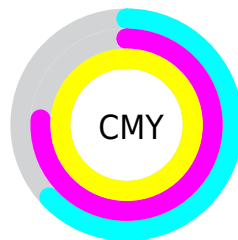


Cyan (0%)

Magenta (35%)

Yellow (98%)

Black (63%)



Cyan (63%)

Magenta (76%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E3D02 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 5E3D02 by changing the saturation by 10% instead.



 5E3D02

 5E3D02

 FFFFEB

 442700

 946C33

 2B1300

 B0864B

 0A0000

 CDA064

 000000

 EABB7D

 FFD697

 FFF3B2

 FFFFCE

 5E3D02

 5E3D02

■ 5E3C00

■ 5E400B

■ 5E4415

■ 5E471E

■ 5E4A28

■ 5E4E31

■ 5E513A

■ 5E5544

■ 5E584D

■ 5E5B57

# Harmonies

## Analogous

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



71301A



5E3D02



434700

# Triad

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



5E3D02



005253



59346E

# Complementary

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



5E3D02



02235E

# 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.



23427E



5E3D02



00506E

# Square

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



5E3D02



005134



004B7E



722853

# Rectangle

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



5E3D02



2E4C0D



004B7E



4B3975



# Sweetspot

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



5E3D02



7A6E57



5E0224



3D3628



BDBDBD



3D3D3D



# Same Dimension

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



5E3D02



7A4E00



525E02



2E2C29



6E4600



ED9800



# Inverse Universe

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



02235E



002C7A



0E025E



292B2E



00276E



0055ED



# Previews

## White Background



This preview shows how the Hex color 5E3D02 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

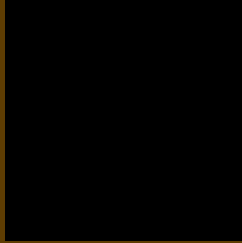
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E3D02 Background



This preview shows how black text looks on a background with the Hex color 5E3D02.



This preview shows how white text looks on a background with the Hex color 5E3D02.

# 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**  
5E3D02

**Protanopia**  
4D4407

**Deuteranopia**  
564100



**Tritanopia**  
60393D

# Trichromacy



**Original Color**  
5E3D02

**Protanomaly**  
534105

**Deuteranomaly**  
594001

**Tritanomaly**  
5F3A28

# Monochromacy



**Original Color**  
5E3D02

**Achromatopsia**  
404040

**Achromatomaly**  
4B3F29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E3D02 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 #5E3D02 looks like.

```
.text, #text, p{  
    color:#5E3D02  
}
```

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 #5E3D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3D02
}
```

## Border

The CSS property to change the border of an element to Hex 5E3D02 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
#5E3D02 }
```

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

```
.border{ border-color:#5E3D02 }
```

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

Here you see how a box with a 4 pixel #5E3D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3D02; -webkit-box-shadow:4px 4px  
4px 4px #5E3D02; box-shadow:4px 4px 4px  
4px #5E3D02 }
```

# Background

The CSS property to change the background color of an element to Hex 5E3D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3D02 }
```

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

```
.background{ background-color:#5E3D02 }
```

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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