

# Converting Colors

Hex(5D4E1D)

Have a look what the booklet for  
Hex(5D4E1D) contains.

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**Color**

**Hex(5D4E1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4E1D
RGB	93, 78, 29
RGB Percent	36%, 31%, 11%
CMY	0.6353, 0.6941, 0.8863
CMYK	0.00, 0.16, 0.69, 0.64
HSL	46°, 52%, 24%
HSV	46°, 69%, 36%
XYZ	7.4604, 7.8646, 2.2872
YIQ	76.8990, 24.6690, -12.0590

# Conversions

## Conversions Part 2

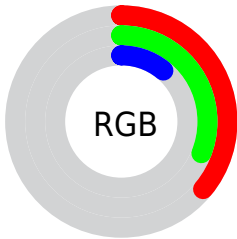
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 93, 29
Decimal	6114845
CIELab	33.70, -0.14, 30.50
CIELCh	34, 30.505, 90.265
Yxy	7.8646, 0.4236, 0.4465
Android (android.graphics.Color)	4284304925 (0xFF5D4E1D)
YUV	76.8990, -23.6142, 14.1206
Hunter-Lab	28.0440, -1.5917, 14.7952

# Details

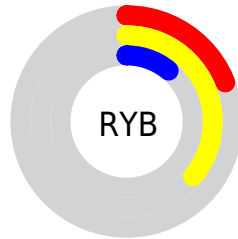
The Hex color **5D4E1D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1D2C5D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **917F4B**, and **2D2200** is the 20% darker color. If you saturate the color by 10%, you get **5D4C14**, and if you desaturate by 10%, it is **5D5026**.

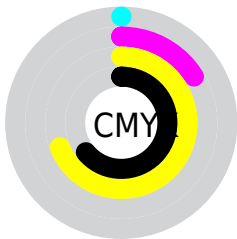
# Distribution



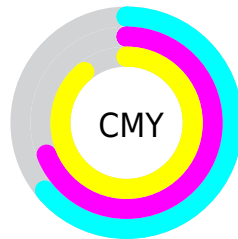
- Red (36%)
- Green (31%)
- Blue (11%)



- Red (19%)
- Yellow (36%)
- Blue (11%)



- Cyan (0%)
- Magenta (16%)
- Yellow (69%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4E1D 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 5D4E1D by changing the saturation by 10% instead.



 5D4E1D

 5D4E1D

FFFFFF

 443705

 917F4B

 2D2200

 AD9964

 120D00

 C9B37D

 000000

 E5CF97

 FFEBB2

 FFFFCE

 FFFFEA

 5D4E1D

 5D4E1D

■ 5D4C14

■ 5D5026

■ 5D4A0A

■ 5D5230

■ 5D4701

■ 5D5539

■ 5D4700

■ 5D5742

■ 5D594B

■ 5D5B55

■ 5D5D5E

■ 5D5F67

■ 5D6271

# Harmonies

## Analogous

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



704525



5D4E1D



455524

# Triad

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



5D4E1D



005B67



6D4068

# Complementary

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



5D4E1D



1D2C5D

# 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.



514979



5D4E1D



005879

# Square

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



5D4E1D



005B4F



21527F



7B3B50

# Rectangle

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



5D4E1D



31582F



21527F



65426E



# Sweetspot

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



5D4E1D



78725F



5D1D2D



3D3A2E



BDBDBD



3D3D3D



# Same Dimension

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



5D4E1D



786114



4D5D1D



2E2D29



6E5400



EDB600



# Inverse Universe

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



1D2C5D



142C78



2D1D5D



292A2E



001A6E



0038ED



# Previews

## White Background



This preview shows how the Hex color 5D4E1D looks on a white background.

## Color Contrast Check

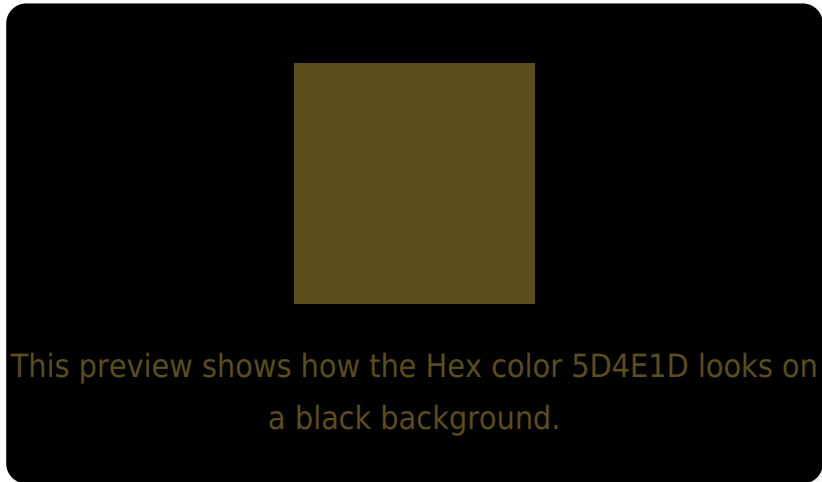
Large Text (above 18pt) WCAG AA ✓ Pass

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

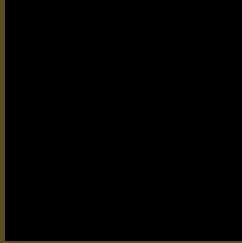
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4E1D Background



This preview shows how black text looks on a background with the Hex color 5D4E1D.



This preview shows how white text looks on a background with the Hex color 5D4E1D.

# 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**  
5D4E1D

**Protanopia**  
59501D

**Deuteranopia**  
634B1E



**Tritanopia**  
61494F

# Trichromacy



**Original Color**  
5D4E1D

**Protanomaly**  
5A4F1D

**Deuteranomaly**  
614C1E

**Tritanomaly**  
604B3D

# Monochromacy



**Original Color**  
5D4E1D

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
534D3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4E1D 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 #5D4E1D looks like.

```
.text, #text, p{  
    color:#5D4E1D  
}
```

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 #5D4E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4E1D
}
```

## Border

The CSS property to change the border of an element to Hex 5D4E1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

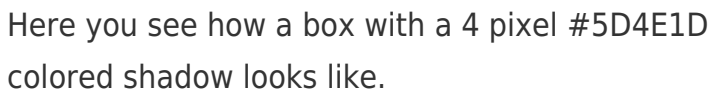
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4E1D }
```

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

```
.border{ border-color:#5D4E1D }
```

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



Here you see how a box with a 4 pixel #5D4E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4E1D; -webkit-box-shadow:4px 4px  
4px 4px #5D4E1D; box-shadow:4px 4px 4px  
4px #5D4E1D }
```

# Background

The CSS property to change the background color of an element to Hex 5D4E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4E1D }
```

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

```
.background{ background-color:#5D4E1D }
```

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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