

# Converting Colors

Hex(5D4507)

Have a look what the booklet for  
Hex(5D4507) contains.

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**Color**

**Hex(5D4507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4507
RGB	93, 69, 7
RGB Percent	36%, 27%, 3%
CMY	0.6353, 0.7294, 0.9725
CMYK	0.00, 0.26, 0.92, 0.64
HSL	43°, 86%, 20%
HSV	43°, 92%, 36%
XYZ	6.6807, 6.5987, 1.1226
YIQ	69.1080, 34.2060, -14.1940

# Conversions

## Conversions Part 2

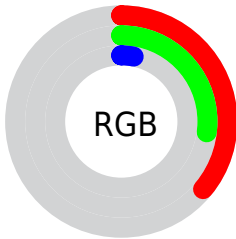
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">40, 93, 7</a>
Decimal	<a href="#">6112519</a>
CIELab	<a href="#">30.88, 4.30, 37.29</a>
CIELCh	<a href="#">31, 37.537, 83.426</a>
Yxy	<a href="#">6.5987, 0.4639, 0.4582</a>
Android (android.graphics.Color)	<a href="#">4284302599 (0xFF5D4507)</a>
YUV	<a href="#">69.1080, -30.6192, 20.9533</a>
Hunter-Lab	<a href="#">25.6880, 1.4684, 15.3906</a>

# Details

The Hex color **5D4507** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **071F5D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **937538**, and **2A1A00** is the 20% darker color. If you saturate the color by 10%, you get **5D4300**, and if you desaturate by 10%, it is **5D4810**.

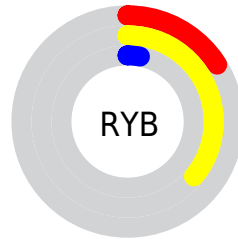
# Distribution



Red (36%)

Green (27%)

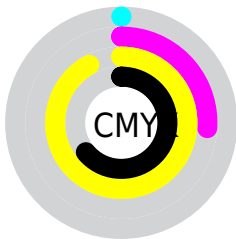
Blue (3%)



Red (16%)

Yellow (36%)

Blue (3%)

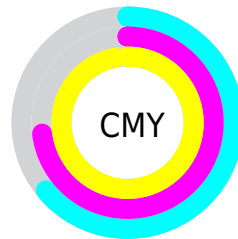


Cyan (0%)

Magenta (26%)

Yellow (92%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4507 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 5D4507 by changing the saturation by 10% instead.



 5D4507

 5D4507

 FFFFFF1

 442F00

 937538

 2A1A00

 AE8E50

 0F0000

 CBA969

 000000

 E8C483

 FFE09E

 FFFCB9

 FFFF5D

 5D4507

 5D4507

■ 5D4300

■ 5D4810

■ 5D4A1A

■ 5D4D23

■ 5D4F2C

■ 5D5236

■ 5D553F

■ 5D5748

■ 5D5A51

■ 5D5C5B

# Harmonies

## Analogous

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



72391A



5D4507



414E0C

# Triad

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



5D4507



00565F



66376C

# Complementary

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



5D4507



071F5D

# 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.



3D447F



5D4507



005477

# Square

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



5D4507



005641



004E83



7A2D50

# Rectangle

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



5D4507



2A521B



004E83



5B3B74



# Sweetspot

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



5D4507



786E56



5D071F



3D3728



BDBDBD



3D3D3D



# Same Dimension

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



5D4507



785600



4A5D07



2E2D29



6E4F00



EDAB00



# Inverse Universe

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



071F5D



002178



1A075D



292B2E



001F6E

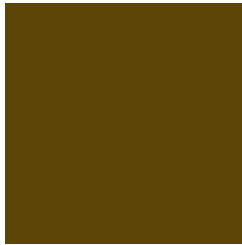


0042ED



# Previews

## White Background



This preview shows how the Hex color 5D4507 looks on a white background.

## Color Contrast Check

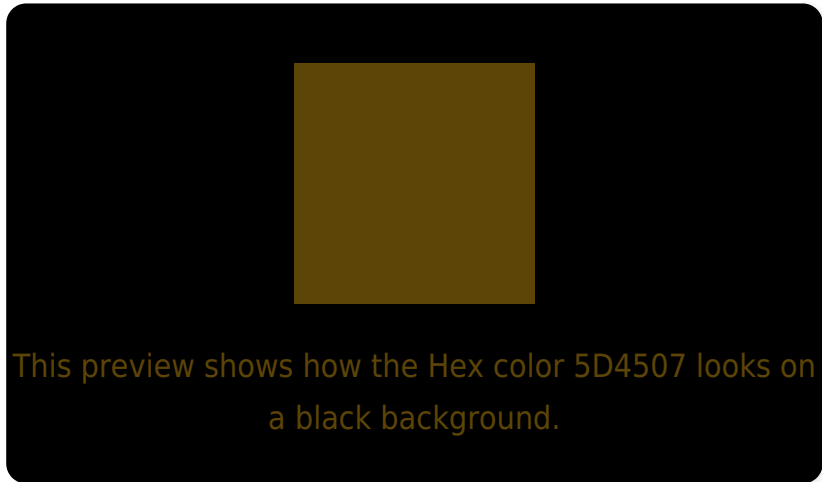
Large Text (above 18pt) WCAG AA ✓ Pass

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

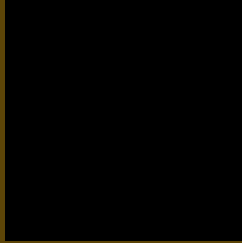
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4507 Background



This preview shows how black text looks on a background with the Hex color 5D4507.



This preview shows how white text looks on a background with the Hex color 5D4507.

# 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**  
5D4507

**Protanopia**  
524909

**Deuteranopia**  
5C4507



**Tritanopia**  
604045

# Trichromacy



**Original Color**  
5D4507

**Protanomaly**  
564808

**Deuteranomaly**  
5C4507

**Tritanomaly**  
5F422E

# Monochromacy



**Original Color**  
5D4507

**Achromatopsia**  
454545

**Achromatomaly**  
4E452E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4507 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 #5D4507 looks like.

```
.text, #text, p{  
    color:#5D4507  
}
```

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 #5D4507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4507
}
```

## Border

The CSS property to change the border of an element to Hex 5D4507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

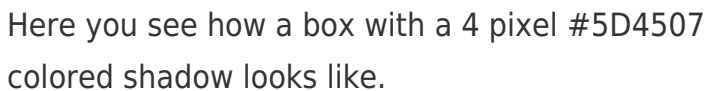
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4507 }
```

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

```
.border{ border-color:#5D4507 }
```

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



Here you see how a box with a 4 pixel #5D4507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4507; -webkit-box-shadow:4px 4px  
4px 4px #5D4507; box-shadow:4px 4px 4px  
4px #5D4507 }
```

# Background

The CSS property to change the background color of an element to Hex 5D4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4507 }
```

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

```
.background{ background-color:#5D4507 }
```

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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