

# Converting Colors

Hex(5D2309)

Have a look what the booklet for  
Hex(5D2309) contains.

<b>Hex(5D2309)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5D2309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D2309
RGB	93, 35, 9
RGB Percent	36%, 14%, 4%
CMY	0.6353, 0.8627, 0.9647
CMYK	0.00, 0.62, 0.90, 0.64
HSL	19°, 82%, 20%
HSV	19°, 90%, 36%
XYZ	5.1645, 3.5489, 0.6713
YIQ	49.3780, 42.9140, 4.2100

# Conversions

## Conversions Part 2

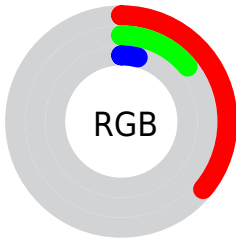
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 47, 9
Decimal	6103817
CIELab	22.12, 25.07, 28.54
CIElCh	22, 37.984, 48.703
Yxy	3.5489, 0.5503, 0.3782
Android (android.graphics.Color)	4284293897 (0xFF5D2309)
YUV	49.3780, -19.9064, 38.2565
Hunter-Lab	18.8386, 15.9675, 11.0744

# Details

The Hex color **5D2309** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **09435D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **945235**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D1D00**, and if you desaturate by 10%, it is **5D2912**.

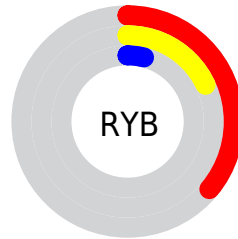
# Distribution



Red (36%)

Green (14%)

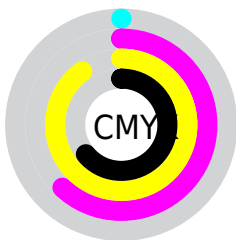
Blue (4%)



Red (36%)

Yellow (18%)

Blue (4%)

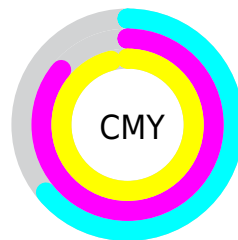


Cyan (0%)

Magenta (62%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2309 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 5D2309 by changing the saturation by 10% instead.



 5D2309

 5D2309

 FFFFEB

 420C00

 945235

 2A0000

 B16A4D

 000000

 CE8465

 EB9E7E

 FFBA98

 FFD5B3

 FFF2CF

 5D2309

 5D2309

■ 5D1D00

■ 5D2912

■ 5D301C

■ 5D3625

■ 5D3D2E

■ 5D4337

■ 5D4A41

■ 5D504A

■ 5D5653

■ 5D5D5D

# Harmonies

## Analogous

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



661625



5D2309



4B3000

# Triad

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



5D2309



004129



19326B

# Complementary

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



5D2309



09435D

# 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.



003B6D



5D2309



004246

# Square

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



5D2309



083E0B



00405F



4C245B

# Rectangle

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



5D2309



3B3600



00405F



00366D



# Sweetspot

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



5D2309



786257



5D0944



3D302A



BDBDBD



3D3D3D



# Same Dimension

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



5D2309



782500



5D4C09



2E2B29



6E2200



ED4900



# Inverse Universe

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



09435D



005378



091A5D



292C2E



004C6E



00A4ED



# Previews

## White Background



This preview shows how the Hex color 5D2309 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

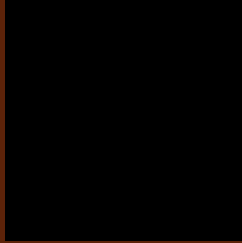
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D2309 Background



This preview shows how black text looks on a background with the Hex color 5D2309.



This preview shows how white text looks on a background with the Hex color 5D2309.

# 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**  
5D2309

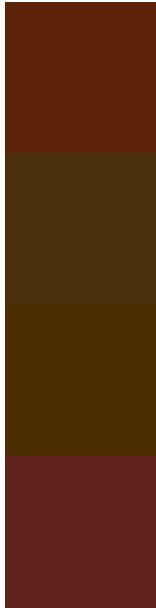
**Protanopia**  
3D360E

**Deuteranopia**  
443300



**Tritanopia**  
5E2123

# Trichromacy



**Original Color**  
5D2309

**Protanomaly**  
492F0C

**Deuteranomaly**  
4D2D03

**Tritanomaly**  
5E221A

# Monochromacy



**Original Color**  
5D2309

**Achromatopsia**  
313131

**Achromatomaly**  
412C22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2309 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 #5D2309 looks like.

```
.text, #text, p{  
    color:#5D2309  
}
```

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 #5D2309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2309
}
```

## Border

The CSS property to change the border of an element to Hex 5D2309 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
#5D2309 }
```

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

```
.border{ border-color:#5D2309 }
```

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

Here you see how a box with a 4 pixel #5D2309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2309; -webkit-box-shadow:4px 4px  
4px 4px #5D2309; box-shadow:4px 4px 4px  
4px #5D2309 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2309 }
```

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

```
.background{ background-color:#5D2309 }
```

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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