

Converting Colors

Hex(5D3E09)

Have a look what the booklet for
Hex(5D3E09) contains.

Hex(5D3E09)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D3E09)

Conversions

Conversions Part 1

Format	Color
Hex	5D3E09
RGB	93, 62, 9
RGB Percent	36%, 24%, 4%
CMY	0.6353, 0.7569, 0.9647
CMYK	0.00, 0.33, 0.90, 0.64
HSL	38°, 82%, 20%
HSV	38°, 90%, 36%
XYZ	6.2861, 5.7921, 1.0451
YIQ	65.2270, 35.4890, -9.9110

Conversions

Conversions Part 2

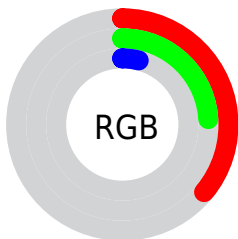
Format	Color
R_{YB}	58, 93, 9
Decimal	6110729
CIE _{Lab}	28.88, 8.75, 34.88
CIE _{LCh}	29, 35.958, 75.924
Yxy	5.7921, 0.4790, 0.4414
Android (android.graphics.Color)	4284300809 (0xFF5D3E09)
YUV	65.2270, -27.7199, 24.3569
Hunter-Lab	24.0668, 4.5063, 14.2721

Details

The Hex color **5D3E09** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **09285D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **936D38**, and **2A1400** is the 20% darker color. If you saturate the color by 10%, you get **5D3B00**, and if you desaturate by 10%, it is **5D4112**.

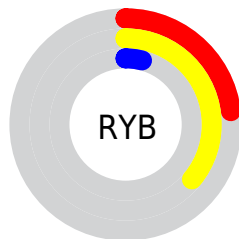
Distribution



Red (36%)

Green (24%)

Blue (4%)



Red (23%)

Yellow (36%)

Blue (4%)

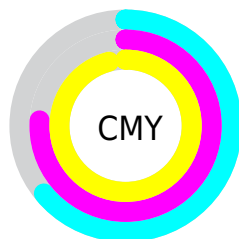


Cyan (0%)

Magenta (33%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3E09 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 5D3E09 by changing the saturation by 10% instead.

 5D3E09

 5D3E09

 FFFFFF1

 442800

 936D38

 2A1400

 AF8750

 0A0000

 CBA169

 000000

 E8BC83

 FFD79D

 FFF4B8

 FFFFD4

 5D3E09

 5D3E09

■ 5D3B00

■ 5D4112

■ 5D451C

■ 5D4825

■ 5D4C2E

■ 5D4F37

■ 5D5341

■ 5D564A

■ 5D5953

■ 5D5D5D

Harmonies

Analogous

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



6F331D



5D3E09



444707

Triad

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



5D3E09



005152



58366B

Complementary

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



5D3E09



09285D

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.



2A427A



5D3E09



00506B

Square

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



5D3E09



005036



004B7A



702B52

Rectangle

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



5D3E09



304C13



004B7A



4C3A71

Sweetspot

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



5D3E09



786C57



5D0929



3D362A



BDBDBD



3D3D3D

Same Dimension

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



5D3E09



784C00



535D09



2E2C29



6E4500



ED9600

Inverse Universe

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



09285D



002C78



13095D



292B2E



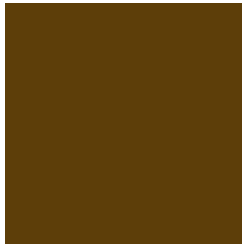
00286E



0058ED

Previews

White Background



This preview shows how the Hex color 5D3E09 looks on a white background.

Color Contrast Check

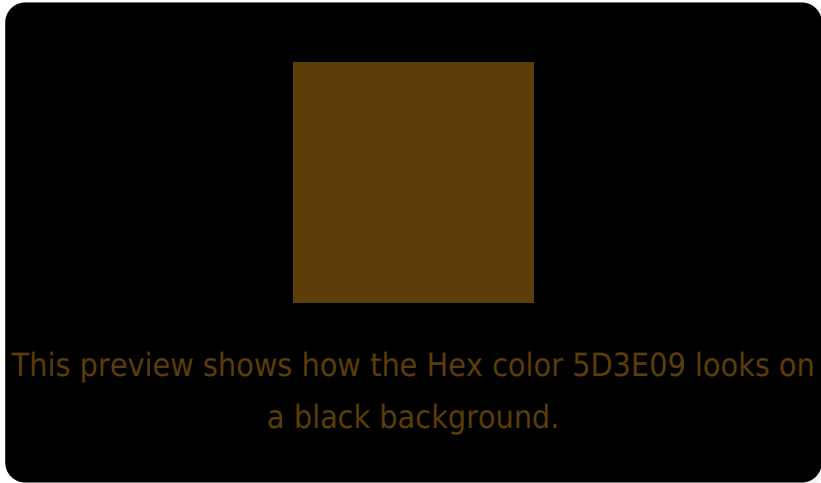
Large Text (above 18pt) WCAG AA ✓ Pass

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

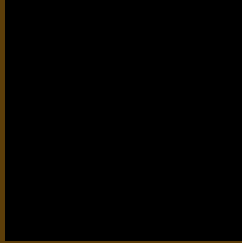
Any Text WCAG AA × Fail

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 5D3E09 Background



This preview shows how black text looks on a background with the Hex color 5D3E09.



This preview shows how white text looks on a background with the Hex color 5D3E09.

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
5D3E09

Protanopia
4D450B

Deuteranopia
574105



Tritanopia
603A3E

Trichromacy



Original Color
5D3E09

Protanomaly
53420A

Deuteranomaly
594006

Tritanomaly
5F3B2B

Monochromacy



Original Color
5D3E09

Achromatopsia
414141

Achromatomaly
4B402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3E09 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 #5D3E09 looks like.

```
.text, #text, p{  
    color:#5D3E09  
}
```

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 #5D3E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3E09
}
```

Border

The CSS property to change the border of an element to Hex 5D3E09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

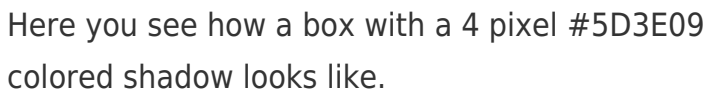
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3E09 }
```

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

```
.border{ border-color:#5D3E09 }
```

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



Here you see how a box with a 4 pixel #5D3E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3E09; -webkit-box-shadow:4px 4px  
4px 4px #5D3E09; box-shadow:4px 4px 4px  
4px #5D3E09 }
```

Background

The CSS property to change the background color of an element to Hex 5D3E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3E09 }
```

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

```
.background{ background-color:#5D3E09 }
```

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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