

Converting Colors

Hex(5D3D16)

Have a look what the booklet for
Hex(5D3D16) contains.

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Color

Hex(5D3D16)

Conversions

Conversions Part 1

Format	Color
Hex	5D3D16
RGB	93, 61, 22
RGB Percent	36%, 24%, 9%
CMY	0.6353, 0.7608, 0.9137
CMYK	0.00, 0.34, 0.76, 0.64
HSL	33°, 62%, 23%
HSV	33°, 76%, 36%
XYZ	6.3278, 5.7226, 1.5301
YIQ	66.1220, 31.5910, -5.3450

Conversions

Conversions Part 2

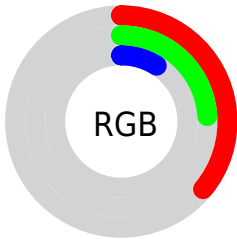
Format	Color
RYB	80, 93, 22
Decimal	6110486
CIELab	28.70, 9.97, 28.81
CIELCh	29, 30.484, 70.913
Yxy	5.7226, 0.4659, 0.4214
Android (android.graphics.Color)	4284300566 (0xFF5D3D16)
YUV	66.1220, -21.7521, 23.5720
Hunter-Lab	23.9219, 5.3531, 12.9530

Details

The Hex color **5D3D16** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16365D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **926C43**, and **2B1300** is the 20% darker color. If you saturate the color by 10%, you get **5D390D**, and if you desaturate by 10%, it is **5D411F**.

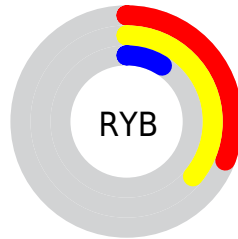
Distribution



Red (36%)

Green (24%)

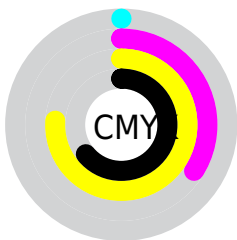
Blue (9%)



Red (31%)

Yellow (36%)

Blue (9%)

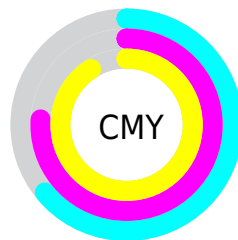


Cyan (0%)

Magenta (34%)

Yellow (76%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3D16 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 5D3D16 by changing the saturation by 10% instead.

 5D3D16

 5D3D16

FFFFFFD

 442700

 926C43

 2B1300

 AE865B

 0B0000

 CAA074

 000000

 E7BB8E

 FFD7A8

 FFF3C4

 FFFFEO

 5D3D16

 5D3D16

■ 5D390D

■ 5D411F

■ 5D3503

■ 5D4529

■ 5D3300

■ 5D4A32

■ 5D4E3B

■ 5D5244

■ 5D564E

■ 5D5A57

■ 5D5F60

■ 5D636A

Harmonies

Analogous

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



6B3426



5D3D16



494512

Triad

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



5D3D16



004F4C



503A67

Complementary

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



5D3D16



16365D

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.



284372



5D3D16



004E62

Square

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



5D3D16



004E33



004A70



673154

Rectangle

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



5D3D16



384919



004A70



453D6C

Sweetspot

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



5D3D16



786B5C



5D1637



3D352C



BDBDBD



3D3D3D

Same Dimension

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



5D3D16



78460A



5B5D16



2E2C29



6E3C00



ED8200

Inverse Universe

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



16365D



0A3B78



18165D



292B2E



00316E



006BED

Previews

White Background



This preview shows how the Hex color 5D3D16 looks on a white background.

Color Contrast Check

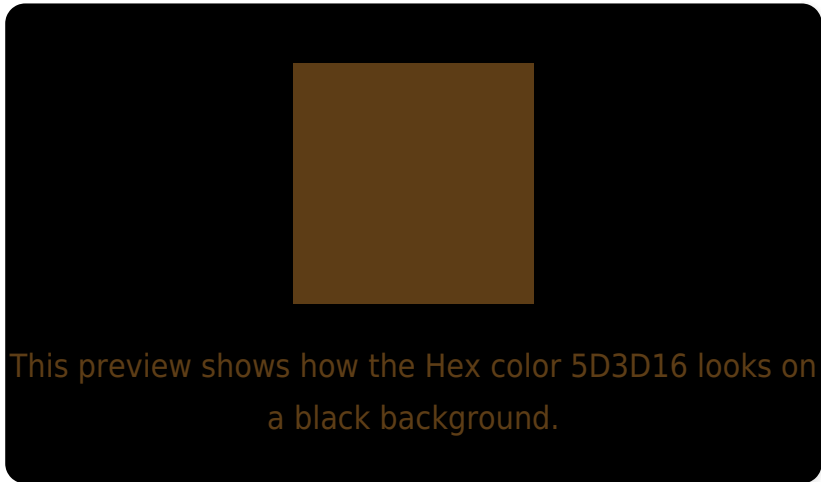
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D3D16 Background



This preview shows how black text looks on a background with the Hex color 5D3D16.



This preview shows how white text looks on a background with the Hex color 5D3D16.

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
5D3D16

Protanopia
4C4418

Deuteranopia
554115



Tritanopia
5F393D

Trichromacy



Original Color
5D3D16

Protanomaly
524117

Deuteranomaly
584015

Tritanomaly
5E3A2F

Monochromacy



Original Color
5D3D16

Achromatopsia
424242

Achromatomaly
4C4032

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3D16 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 #5D3D16 looks like.

```
.text, #text, p{  
    color:#5D3D16  
}
```

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 #5D3D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3D16
}
```

Border

The CSS property to change the border of an element to Hex 5D3D16 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".

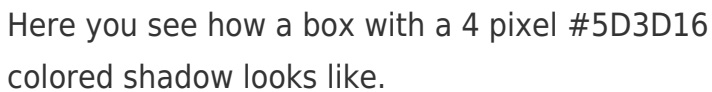
```
.border, #border, table{ border:4px solid
#5D3D16 }
```

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

```
.border{ border-color:#5D3D16 }
```

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

Here you see how a box with a 4 pixel #5D3D16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3D16; -webkit-box-shadow:4px 4px  
4px 4px #5D3D16; box-shadow:4px 4px 4px  
4px #5D3D16 }
```

Background

The CSS property to change the background color of an element to Hex 5D3D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3D16 }
```

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

```
.background{ background-color:#5D3D16 }
```

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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