

Converting Colors

Hex(5D4617)

Have a look what the booklet for
Hex(5D4617) contains.

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Color

Hex(5D4617)

Conversions

Conversions Part 1

Format	Color
Hex	5D4617
RGB	93, 70, 23
RGB Percent	36%, 27%, 9%
CMY	0.6353, 0.7255, 0.9098
CMYK	0.00, 0.25, 0.75, 0.64
HSL	40°, 60%, 23%
HSV	40°, 75%, 36%
XYZ	6.8590, 6.7693, 1.7557
YIQ	71.5190, 28.7950, -9.7410

Conversions

Conversions Part 2

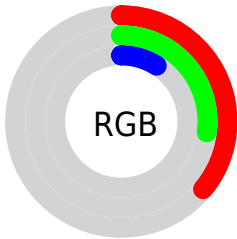
Format	Color
RYB	57, 93, 23
Decimal	6112791
CIELab	31.28, 4.39, 30.98
CIElCh	31, 31.292, 81.933
Yxy	6.7693, 0.4459, 0.4400
Android (android.graphics.Color)	4284302871 (0xFF5D4617)
YUV	71.5190, -23.9199, 18.8388
Hunter-Lab	26.0179, 1.5259, 14.2116

Details

The Hex color **5D4617** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **172E5D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **927645**, and **2C1B00** is the 20% darker color. If you saturate the color by 10%, you get **5D430E**, and if you desaturate by 10%, it is **5D4920**.

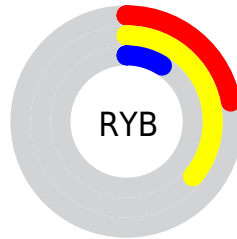
Distribution



 Red (36%)

 Green (27%)

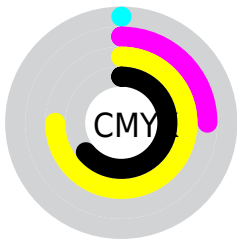
 Blue (9%)



 Red (22%)

 Yellow (36%)

 Blue (9%)

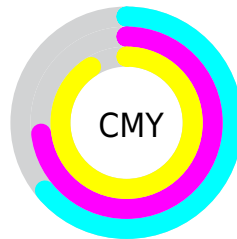


 Cyan (0%)

 Magenta (25%)

 Yellow (75%)

 Black (64%)



 Cyan (64%)

 Magenta (73%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4617 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 5D4617 by changing the saturation by 10% instead.



5D4617



5D4617

FFFFFF



443000



927645



2C1B00



AD905D



110100



CAA76



000000



E6C590



FFE1AB



FFFE6



FFFFE3



5D4617



5D4617

■ 5D430E

■ 5D4920

■ 5D4004

■ 5D4C2A

■ 5D3E00

■ 5D4F33

■ 5D523C

■ 5D5546

■ 5D584F

■ 5D5B58

■ 5D5E61

■ 5D626B

Harmonies

Analogous

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



6E3D24



5D4617



464E19

Triad

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



5D4617



00565B



613C68

Complementary

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



5D4617



172E5D

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.



404677



5D4617



005370

Square

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



5D4617



005542



004E7A



733551

Rectangle

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



5D4617



335123



004E7A



583F6E

Sweetspot

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



5D4617



786F5C



5D172E



3D382C



BDBDBD



3D3D3D

Same Dimension

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



5D4617



78540C



515D17



2E2C29



6E4A00



ED9F00

Inverse Universe

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



172E5D



0C2F78



23175D



292B2E



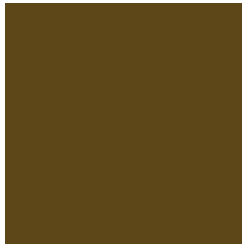
00246E



004EED

Previews

White Background



This preview shows how the Hex color 5D4617 looks on a white background.

Color Contrast Check

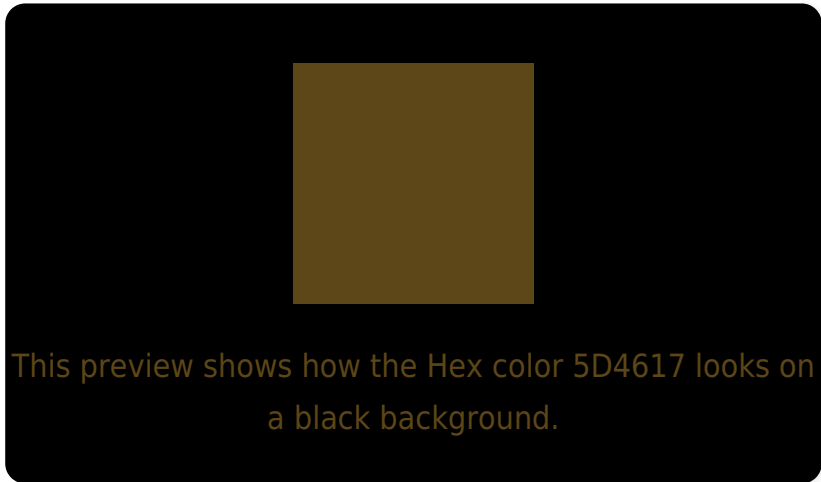
Large Text (above 18pt) WCAG AA ✓ Pass

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

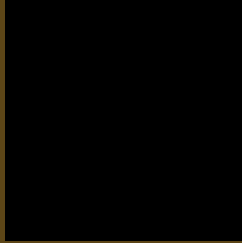
Any Text WCAG AA × Fail

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 5D4617 Background



This preview shows how black text looks on a background with the Hex color 5D4617.



This preview shows how white text looks on a background with the Hex color 5D4617.

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
5D4617

Protanopia
534A18

Deuteranopia
5D4617



Tritanopia
604146

Trichromacy



Original Color
5D4617

Protanomaly
574918

Deuteranomaly
5D4617

Tritanomaly
5F4335

Monochromacy



Original Color
5D4617

Achromatopsia
484848

Achromatomaly
504736

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4617 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 #5D4617 looks like.

```
.text, #text, p{  
    color:#5D4617  
}
```

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 #5D4617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4617
}
```

Border

The CSS property to change the border of an element to Hex 5D4617 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
#5D4617 }
```

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

```
.border{ border-color:#5D4617 }
```

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

Here you see how a box with a 4 pixel #5D4617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4617; -webkit-box-shadow:4px 4px  
4px 4px #5D4617; box-shadow:4px 4px 4px  
4px #5D4617 }
```

Background

The CSS property to change the background color of an element to Hex 5D4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4617 }
```

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

```
.background{ background-color:#5D4617 }
```

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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