

Converting Colors

Hex(5D7836)

Have a look what the booklet for
Hex(5D7836) contains.

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Color

Hex(5D7836)

Conversions

Conversions Part 1

Format	Color
Hex	5D7836
RGB	93, 120, 54
RGB Percent	36%, 47%, 21%
CMY	0.6353, 0.5294, 0.7882
CMYK	0.22, 0.00, 0.55, 0.53
HSL	85°, 38%, 34%
HSV	85°, 55%, 47%
XYZ	11.8965, 16.0264, 5.9564
YIQ	104.4030, 5.0940, -26.2500

Conversions

Conversions Part 2

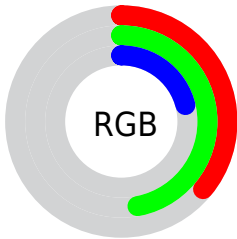
Format	Color
RYB	54, 120, 81
Decimal	6125622
CIELab	47.01, -21.48, 32.71
CIElCh	47, 39.136, 123.291
Yxy	16.0264, 0.3511, 0.4730
Android (android.graphics.Color)	4284315702 (0xFF5D7836)
YUV	104.4030, -24.8487, -10.0004
Hunter-Lab	40.0330, -17.0134, 19.2015

Details

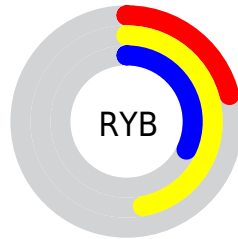
The Hex color **5D7836** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **513678**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **91AC67**, and **2C4706** is the 20% darker color. If you saturate the color by 10%, you get **58782A**, and if you desaturate by 10%, it is **627842**.

Distribution



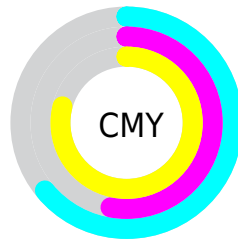
- Red (36%)
- Green (47%)
- Blue (21%)



- Red (21%)
- Yellow (47%)
- Blue (32%)



- Cyan (22%)
- Magenta (0%)
- Yellow (55%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7836 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 5D7836 by changing the saturation by 10% instead.



5D7836



5D7836

FFFFFF



445F1F



91AC67



2C4706



ACC880



163100



C8E49B



001D00



E4FFB6



000000



FFFFD2



FFFEE



5D7836



5D7836



58782A



627842

■ 53781E

■ 67784E

■ 4E7812

■ 6C785A

■ 497806

■ 717866

■ 477800

■ 767872

■ 7A787E

■ 7F788A

■ 847896

■ 8978A2

Harmonies

Analogous

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



7F6F2B



5D7836



2F7E51

Triad

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



5D7836



007BAA



AC536D

Complementary

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



5D7836



513678

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.



9B598E



5D7836



3972B1

Square

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



5D7836



007F93



7665A7



AA584D

Rectangle

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



5D7836



008067



7665A7



A85478

Sweetspot

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



5D7836



919C81



785036



494F3F



CFCFCF



4F4F4F

Same Dimension

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



5D7836



729C35



3D7836



3B3D37



4A7D00



95FC00

Inverse Universe

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



513678



5F359C



713678



3A373D



33007D



6700FC

Previews

White Background



This preview shows how the Hex color 5D7836 looks on a white background.

Color Contrast Check

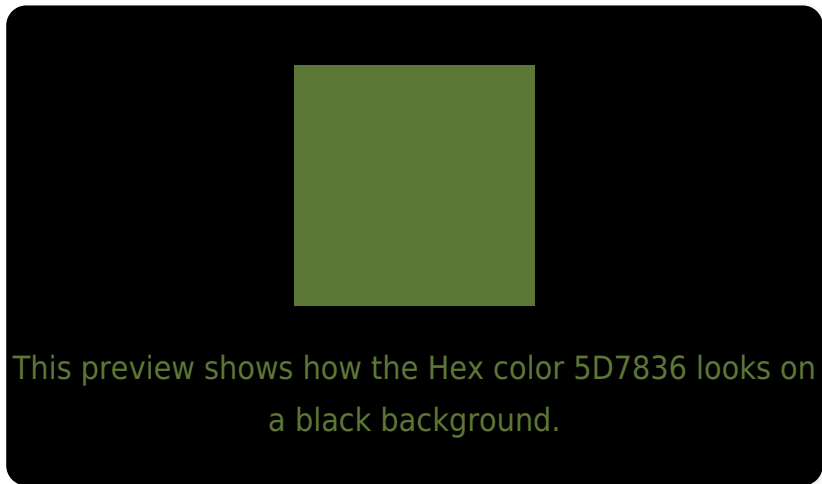
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

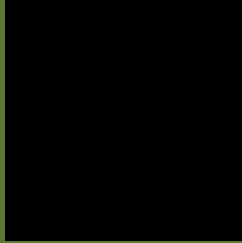
Any Text WCAG AA × Fail

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 5D7836 Background



This preview shows how black text looks on a background with the Hex color 5D7836.



This preview shows how white text looks on a background with the Hex color 5D7836.

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
5D7836

Protanopia
7B6F33

Deuteranopia
886A3A



Tritanopia
66717A

Trichromacy



Original Color
5D7836

Protanomaly
707234

Deuteranomaly
786F39

Tritanomaly
637461

Monochromacy



Original Color
5D7836

Achromatopsia
686868

Achromatomaly
646E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7836 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 #5D7836 looks like.

```
.text, #text, p{  
    color:#5D7836  
}
```

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 #5D7836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7836
}
```

Border

The CSS property to change the border of an element to Hex 5D7836 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
#5D7836 }
```

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

```
.border{ border-color:#5D7836 }
```

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

Here you see how a box with a 4 pixel #5D7836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7836; -webkit-box-shadow:4px 4px  
4px 4px #5D7836; box-shadow:4px 4px 4px  
4px #5D7836 }
```

Background

The CSS property to change the background color of an element to Hex 5D7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7836 }
```

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

```
.background{ background-color:#5D7836 }
```

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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