

# Converting Colors

Hex(5D7B41)

Have a look what the booklet for  
Hex(5D7B41) contains.

<b>Hex(5D7B41)</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(5D7B41)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D7B41
RGB	93, 123, 65
RGB Percent	36%, 48%, 25%
CMY	0.6353, 0.5176, 0.7451
CMYK	0.24, 0.00, 0.47, 0.52
HSL	91°, 31%, 37%
HSV	91°, 47%, 48%
XYZ	12.5513, 16.8747, 7.5967
YIQ	107.4180, 0.7380, -24.3980

# Conversions

## Conversions Part 2

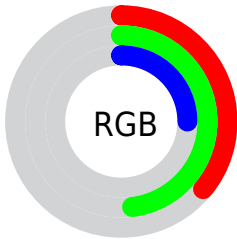
Format	Color
R <sub>Y</sub> B	65, 123, 95
Decimal	6126401
CIE Lab	48.10, -21.68, 28.19
CIE LCh	48, 35.562, 127.573
Yxy	16.8747, 0.3390, 0.4558
Android (android.graphics.Color)	4284316481 (0xFF5D7B41)
YUV	107.4180, -20.9121, -12.6446
Hunter-Lab	41.0789, -17.3489, 17.7908

# Details

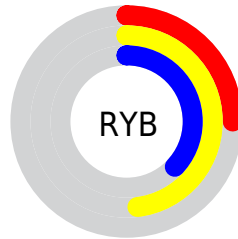
The Hex color **5D7B41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F417B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **91B072**, and **2D4A13** is the 20% darker color. If you saturate the color by 10%, you get **577B35**, and if you desaturate by 10%, it is **637B4D**.

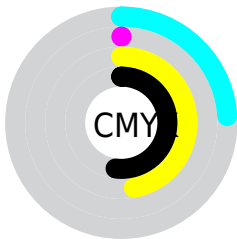
# Distribution



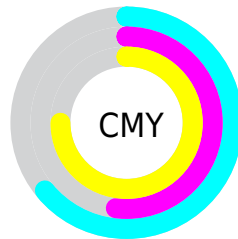
- Red (36%)
- Green (48%)
- Blue (25%)



- Red (25%)
- Yellow (48%)
- Blue (37%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D7B41 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 5D7B41 by changing the saturation by 10% instead.



 5D7B41

 5D7B41

FFFFFF

 44622A

 91B072

 2D4A13

 ACCB8C

 173300

 C7E7A6

 001F00

 E4FFC2

 000000

 FFFFDE

 FFFFFB

 5D7B41

 5D7B41

 577B35

 637B4D

■ 507B28

■ 6A7B5A

■ 4A7B1C

■ 707B66

■ 447B10

■ 767B72

■ 3D7B03

■ 7D7B7E

■ 3B7B00

■ 837B8B

■ 8A7B97

■ 907BA3

■ 967BB0

# Harmonies

## Analogous

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



7D7335



5D7B41



34805A

# Triad

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



5D7B41



007BA9



AB596C

# Complementary

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



5D7B41



5F417B

# 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.



9D5D8A



5D7B41



4E73AE

# Square

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



5D7B41



008096



7F67A2



A75E4F

# Rectangle

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



5D7B41



00816F



7F67A2



A85A76



# Sweetspot

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



5D7B41



95A18A



7B5F41



4A5244



D1D1D1



525252



# Same Dimension

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



5D7B41



71A145



417B42



3A3D37



3C7D00



7AFC00



# Inverse Universe

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



5F417B



7445A1



7B417A



3A373D



41007D



8300FC



# Previews

## White Background



This preview shows how the Hex color 5D7B41 looks on a white background.

## Color Contrast Check

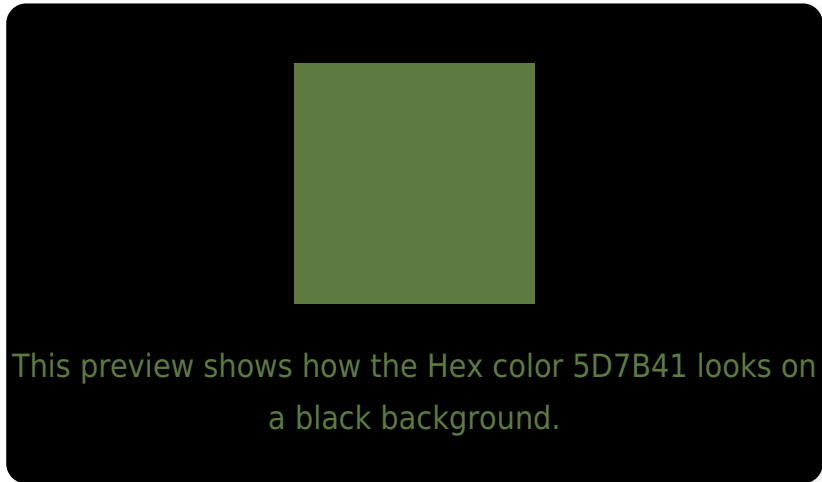
Large Text (above 18pt) WCAG AA ✓ Pass

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

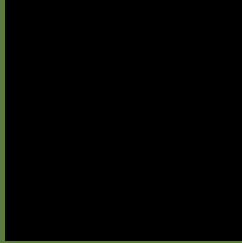
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D7B41 Background



This preview shows how black text looks on a background with the Hex color 5D7B41.



This preview shows how white text looks on a background with the Hex color 5D7B41.

# 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**  
5D7B41

**Protanopia**  
7D723E

**Deuteranopia**  
8A6D44



**Tritanopia**  
66747D

# Trichromacy



**Original Color**  
5D7B41

**Protanomaly**  
71753F

**Deuteranomaly**  
7A7243

**Tritanomaly**  
637767

# Monochromacy



**Original Color**  
5D7B41

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
66715C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D7B41 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 #5D7B41 looks like.

```
.text, #text, p{  
    color:#5D7B41  
}
```

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 #5D7B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7B41
}
```

## Border

The CSS property to change the border of an element to Hex 5D7B41 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
#5D7B41 }
```

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

```
.border{ border-color:#5D7B41 }
```

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

Here you see how a box with a 4 pixel #5D7B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7B41; -webkit-box-shadow:4px 4px  
4px 4px #5D7B41; box-shadow:4px 4px 4px  
4px #5D7B41 }
```

# Background

The CSS property to change the background color of an element to Hex 5D7B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7B41 }
```

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

```
.background{ background-color:#5D7B41 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor