

Converting Colors

Hex(4D7C36)

Have a look what the booklet for
Hex(4D7C36) contains.

Hex(4D7C36)	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(4D7C36)

Conversions

Conversions Part 1

Format	Color
Hex	4D7C36
RGB	77, 124, 54
RGB Percent	30%, 49%, 21%
CMY	0.6980, 0.5137, 0.7882
CMYK	0.38, 0.00, 0.56, 0.51
HSL	100°, 39%, 35%
HSV	100°, 56%, 49%
XYZ	10.9341, 16.2594, 6.0521
YIQ	101.9670, -5.5420, -31.7340

Conversions

Conversions Part 2

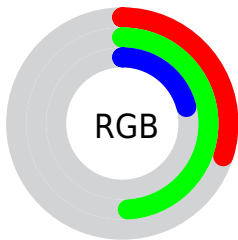
Format	Color
RYB	54, 124, 101
Decimal	5078070
CIELab	47.31, -29.73, 32.83
CIELCh	47, 44.291, 132.157
Yxy	16.2594, 0.3289, 0.4891
Android (android.graphics.Color)	4283268150 (0xFF4D7C36)
YUV	101.9670, -23.6477, -21.8961
Hunter-Lab	40.3230, -22.1627, 19.3272

Details

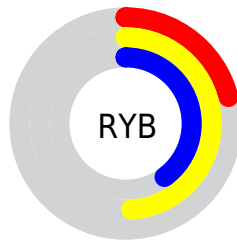
The Hex color **4D7C36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65367C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **81B167**, and **1A4B05** is the 20% darker color. If you saturate the color by 10%, you get **457C2A**, and if you desaturate by 10%, it is **557C42**.

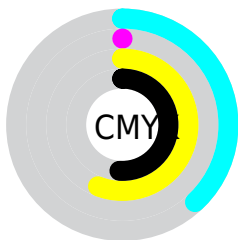
Distribution



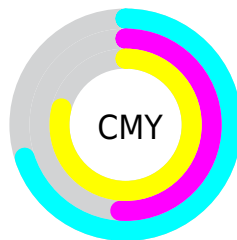
- Red (30%)
- Green (49%)
- Blue (21%)



- Red (21%)
- Yellow (49%)
- Blue (40%)



- Cyan (38%)
- Magenta (0%)
- Yellow (56%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7C36 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 4D7C36 by changing the saturation by 10% instead.



4D7C36



4D7C36

FFFFFF



34631E



81B167



1A4B05



9CCD81



003300



B7E99B



002000



D3FFB6



000000



F0FFD2



FFFFEE



4D7C36



4D7C36



457C2A



557C42

■ 3C7C1D

■ 5E7C4F

■ 347C11

■ 667C5B

■ 2C7C04

■ 6E7C68

■ 297C00

■ 777C74

■ 7F7C80

■ 877C8D

■ 907C99

■ 987CA6

Harmonies

Analogous

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



767322



4D7C36



008158

Triad

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



4D7C36



007AB7



B54F62

Complementary

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



4D7C36



65367C

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.



A95288



4D7C36



476FB9

Square

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



4D7C36



0081A1



8660A8



AD5840

Rectangle

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



4D7C36



008272



8660A8



B34E6F

Sweetspot

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



4D7C36



8EA185



7C6536



475241



D1D1D1



525252

Same Dimension

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



4D7C36



57A133



367C42



393D37



297D00



53FC00

Inverse Universe

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



65367C



7D33A1



7C3670



3B373D



54007D



AA00FC

Previews

White Background



This preview shows how the Hex color 4D7C36 looks on a white background.

Color Contrast Check

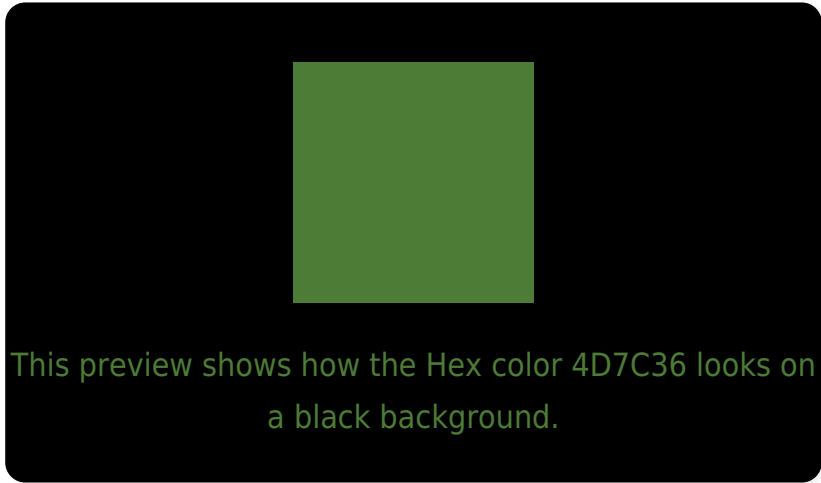
Large Text (above 18pt) WCAG AA ✓ Pass

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

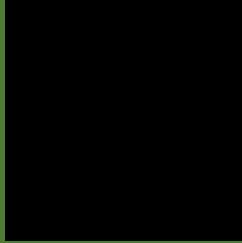
Any Text WCAG AA × Fail

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 4D7C36 Background



This preview shows how black text looks on a background with the Hex color 4D7C36.



This preview shows how white text looks on a background with the Hex color 4D7C36.

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
4D7C36

Protanopia
7C7032

Deuteranopia
896A3B



Tritanopia
59747E

Trichromacy



Original Color
4D7C36

Protanomaly
6B7433

Deuteranomaly
737139

Tritanomaly
557764

Monochromacy



Original Color
4D7C36

Achromatopsia
666666

Achromatomaly
5D6E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7C36 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 #4D7C36 looks like.

```
.text, #text, p{  
    color:#4D7C36  
}
```

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 #4D7C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7C36
}
```

Border

The CSS property to change the border of an element to Hex 4D7C36 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
#4D7C36 }
```

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

```
.border{ border-color:#4D7C36 }
```

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

Here you see how a box with a 4 pixel #4D7C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7C36; -webkit-box-shadow:4px 4px  
4px 4px #4D7C36; box-shadow:4px 4px 4px  
4px #4D7C36 }
```

Background

The CSS property to change the background color of an element to Hex 4D7C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7C36 }
```

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

```
.background{ background-color:#4D7C36 }
```

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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