

Converting Colors

Hex(4D7434)

Have a look what the booklet for
Hex(4D7434) contains.

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Color

Hex(4D7434)

Conversions

Conversions Part 1

Format	Color
Hex	4D7434
RGB	77, 116, 52
RGB Percent	30%, 45%, 20%
CMY	0.6980, 0.5451, 0.7961
CMYK	0.34, 0.00, 0.55, 0.55
HSL	97°, 38%, 33%
HSV	97°, 55%, 45%
XYZ	9.9258, 14.3165, 5.4890
YIQ	97.0430, -2.7000, -28.1720

Conversions

Conversions Part 2

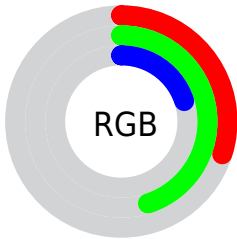
Format	Color
RYB	52, 116, 91
Decimal	5076020
CIELab	44.68, -26.11, 30.74
CIElCh	45, 40.335, 130.339
Yxy	14.3165, 0.3338, 0.4815
Android (android.graphics.Color)	4283266100 (0xFF4D7434)
YUV	97.0430, -22.2062, -17.5777
Hunter-Lab	37.8371, -19.3892, 17.8848

Details

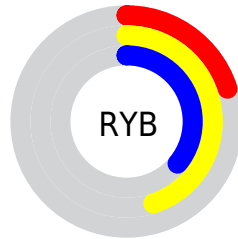
The Hex color **4D7434** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B3474**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **80A864**, and **1C4304** is the 20% darker color. If you saturate the color by 10%, you get **467428**, and if you desaturate by 10%, it is **547440**.

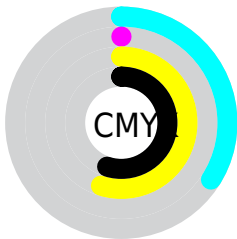
Distribution



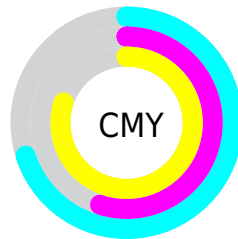
- Red (30%)
- Green (45%)
- Blue (20%)



- Red (20%)
- Yellow (45%)
- Blue (36%)



- Cyan (34%)
- Magenta (0%)
- Yellow (55%)
- Black (55%)



- Cyan (70%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7434 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 4D7434 by changing the saturation by 10% instead.



4D7434



4D7434

FFFFFF



345B1D



80A864



1C4304



9BC47E



032D00



B6E098



001900



D2FCB3



000000



EFFFCF



FFFFEB



4D7434



4D7434



467428



547440

■ 3F741D

■ 5B744B

■ 387411

■ 627457

■ 317406

■ 697462

■ 2D7400

■ 70746E

■ 77747A

■ 7E7485

■ 867491

■ 8D749C

Harmonies

Analogous

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



716C23



4D7434



0D7952

Triad

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



4D7434



0073A9



A84C5F

Complementary

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



4D7434



5B3474

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.



9C5081



4D7434



4269AC

Square

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



4D7434



007994



7B5C9D



A25340

Rectangle

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



4D7434



007A69



7B5C9D



A64C6B

Sweetspot

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



4D7434



87967D



745A34



434D3D



CCCCCC



4D4D4D

Same Dimension

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



4D7434



5A9633



34743A



373B35



307A00



62FA00

Inverse Universe

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



5B3474



703396



74346E



38353B



4B007A



9800FA

Previews

White Background



This preview shows how the Hex color 4D7434 looks on a white background.

Color Contrast Check

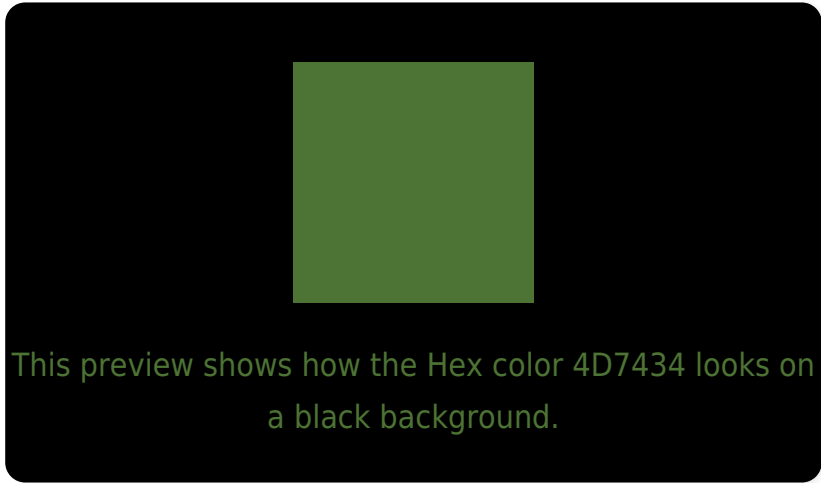
Large Text (above 18pt) WCAG AA ✓ Pass

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

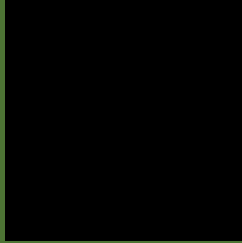
Any Text WCAG AA × Fail

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 4D7434 Background



This preview shows how black text looks on a background with the Hex color 4D7434.



This preview shows how white text looks on a background with the Hex color 4D7434.

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
4D7434

Protanopia
756931

Deuteranopia
816438



Tritanopia
576D76

Trichromacy



Original Color
4D7434

Protanomaly
666D32

Deuteranomaly
6E6A37

Tritanomaly
53705E

Monochromacy



Original Color
4D7434

Achromatopsia
616161

Achromatomaly
5A6851

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7434 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 #4D7434 looks like.

```
.text, #text, p{  
    color:#4D7434  
}
```

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 #4D7434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7434
}
```

Border

The CSS property to change the border of an element to Hex 4D7434 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
#4D7434 }
```

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

```
.border{ border-color:#4D7434 }
```

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

Here you see how a box with a 4 pixel #4D7434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7434; -webkit-box-shadow:4px 4px  
4px 4px #4D7434; box-shadow:4px 4px 4px  
4px #4D7434 }
```

Background

The CSS property to change the background color of an element to Hex 4D7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7434 }
```

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

```
.background{ background-color:#4D7434 }
```

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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