

# Converting Colors

Hex(4D4D34)

Have a look what the booklet for  
Hex(4D4D34) contains.

<b>Hex(4D4D34)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4D4D34)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D4D34
RGB	77, 77, 52
RGB Percent	30%, 30%, 20%
CMY	0.6980, 0.6980, 0.7961
CMYK	0.00, 0.00, 0.32, 0.70
HSL	60°, 19%, 25%
HSV	60°, 32%, 30%
XYZ	6.3343, 7.1335, 4.2919
YIQ	74.1500, 8.0250, -7.7750

# Conversions

## Conversions Part 2

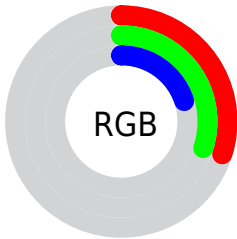
Format	Color
<b>RYB</b>	52, 77, 52
Decimal	5066036
CIELab	32.11, -4.65, 14.88
CIElCh	32, 15.590, 107.349
Yxy	7.1335, 0.3567, 0.4017
Android (android.graphics.Color)	4283256116 (0xFF4D4D34)
YUV	74.1500, -10.9199, 2.4995
Hunter-Lab	26.7086, -4.4064, 9.1685

# Details

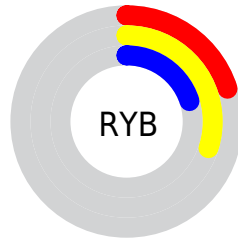
The Hex color **4D4D34** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34344D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7E7E63**, and **212107** is the 20% darker color. If you saturate the color by 10%, you get **4D4D2C**, and if you desaturate by 10%, it is **4D4D3C**.

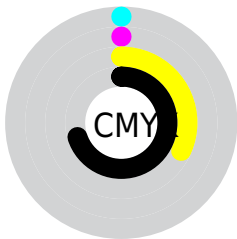
# Distribution



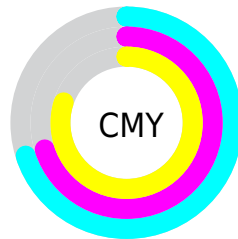
- Red (30%)
- Green (30%)
- Blue (20%)



- Red (20%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (70%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D4D34 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 4D4D34 by changing the saturation by 10% instead.





4D4D34



4D4D34

FFFFFF



36361F



7E7E63



212107



98987C



000B00



B3B296



000000



CFCEB0



EBEACC



FFF E8



4D4D34



4D4D34



4D4D2C



4D4D3C

■ 4D4D25

■ 4D4D43

■ 4D4D1D

■ 4D4D4B

■ 4D4D15

■ 4D4D53

■ 4D4D0E

■ 4D4D5A

■ 4D4D06

■ 4D4D62

■ 4D4D00

■ 4D4D6A

■ 4D4D72

■ 4D4D79

# Harmonies

## Analogous

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



594934



4D4D34



3F503B

# Triad

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



4D4D34



28515D



614351

# Complementary

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



4D4D34



34344D

# 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.



56465C



4D4D34



354E63

# Square

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



4D4D34



275252



464A63



644345

# Rectangle

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



4D4D34



365242



464A63



5E4455



# Sweetspot

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



4D4D34



63635A



4D3434



33332D



B3B3B3



333333



# Same Dimension

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



4D4D34



63633D



414D34



262622



666600



E6E600



# Inverse Universe

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



34344D



3D3D63



41344D



222226



000066



0000E6



# Previews

## White Background



This preview shows how the Hex color 4D4D34 looks on a white background.

## Color Contrast Check

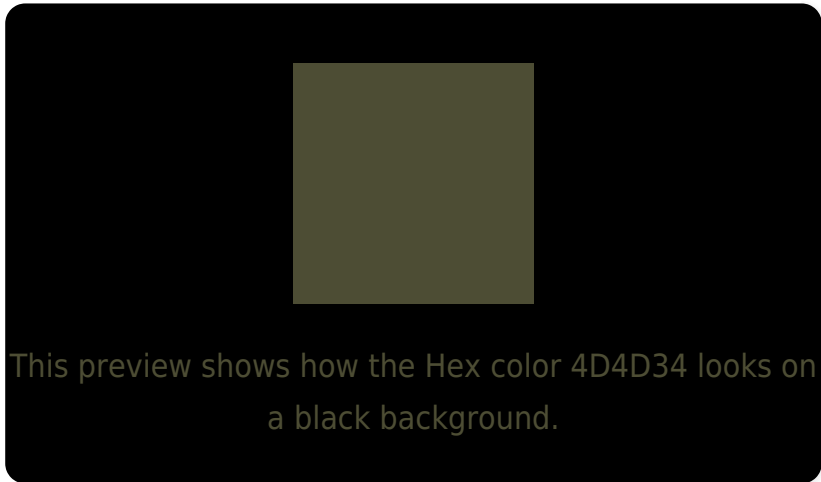
Large Text (above 18pt) WCAG AA ✓ Pass

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

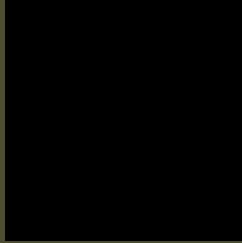
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

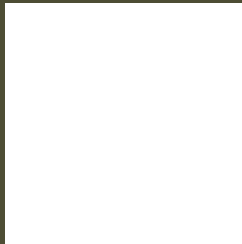
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D4D34 Background



This preview shows how black text looks on a background with the Hex color 4D4D34.



This preview shows how white text looks on a background with the Hex color 4D4D34.

# 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**  
4D4D34

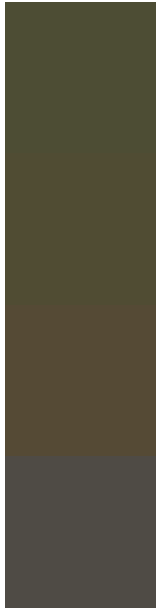
**Protanopia**  
524B33

**Deuteranopia**  
5A4835



**Tritanopia**  
504A4F

# Trichromacy



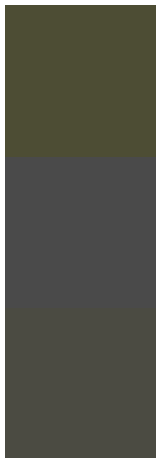
**Original Color**  
4D4D34

**Protanomaly**  
504C33

**Deuteranomaly**  
554A35

**Tritanomaly**  
4F4B45

# Monochromacy



**Original Color**  
4D4D34

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4B4B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D4D34 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 #4D4D34 looks like.

```
.text, #text, p{  
    color:#4D4D34  
}
```

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 #4D4D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4D34
}
```

## Border

The CSS property to change the border of an element to Hex 4D4D34 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
#4D4D34 }
```

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

```
.border{ border-color:#4D4D34 }
```

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

Here you see how a box with a 4 pixel #4D4D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4D34; -webkit-box-shadow:4px 4px  
4px 4px #4D4D34; box-shadow:4px 4px 4px  
4px #4D4D34 }
```

# Background

The CSS property to change the background color of an element to Hex 4D4D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4D34 }
```

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

```
.background{ background-color:#4D4D34 }
```

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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