

Converting Colors

Hex(4D4244)

Have a look what the booklet for
Hex(4D4244) contains.

Hex(4D4244)	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(4D4244)

Conversions

Conversions Part 1

Format	Color
Hex	4D4244
RGB	77, 66, 68
RGB Percent	30%, 26%, 27%
CMY	0.6980, 0.7412, 0.7333
CMYK	0.00, 0.14, 0.12, 0.70
HSL	349°, 8%, 28%
HSV	349°, 14%, 30%
XYZ	6.0522, 5.8916, 6.2870
YIQ	69.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

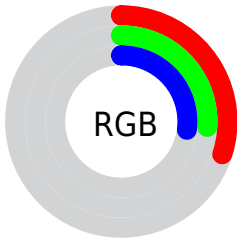
Format	Color
R_{YB}	77, 66, 68
Decimal	5063236
CIE Lab	29.14, 5.10, 0.52
CIE LCh	29, 5.131, 5.823
Yxy	5.8916, 0.3320, 0.3232
Android (android.graphics.Color)	4283253316 (0xFF4D4244)
YUV	69.5170, -0.7479, 6.5626
Hunter-Lab	24.2725, 2.0306, 1.6336

Details

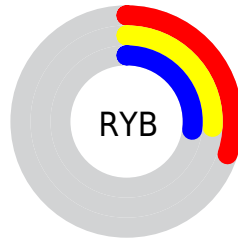
The Hex color **4D4244** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424D4B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7E7274**, and **211719** is the 20% darker color. If you saturate the color by 10%, you get **4D3A3E**, and if you desaturate by 10%, it is **4D4A4A**.

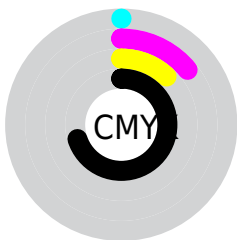
Distribution



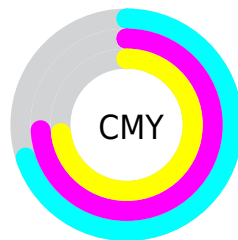
- Red (30%)
- Green (26%)
- Blue (27%)



- Red (30%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (70%)



- Cyan (70%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4244 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 4D4244 by changing the saturation by 10% instead.



4D4244



4D4244

FFFFFF



362C2E



7E7274



211719



988B8E



040000



B3A6A8



000000



CEC1C3



EADDDF



FFF9FC



4D4244



4D4244



4D3A3E



4D4A4A

 4D3337

 4D5151

 4D2B31

 4D5957

 4D232B

 4D615D

 4D1C24

 4D6964

 4D141E

 4D706A

 4D0C18

 4D7870

 4D0412

 4D8076

 4D000E

 4D877D

Harmonies

Analogous

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



4B4248



4D4244



4D4240

Triad

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



4D4244



43463E



3D464C

Complementary

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



4D4244



424D4B

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.



3B4749



4D4244



3E4741

Square

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



4D4244



47453D



3B4745



41454C

Rectangle

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



4D4244



4C433E



3B4745



3C464B

Sweetspot

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



4D4244



635F60



4B424D



333031



B3B3B3



333333

Same Dimension

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



4D4244



635356



4D4542



262223



660013



E6002A

Inverse Universe

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



4D4244



635356



424A4D



262223



660013



E6002A

Previews

White Background



This preview shows how the Hex color 4D4244 looks on a white background.

Color Contrast Check

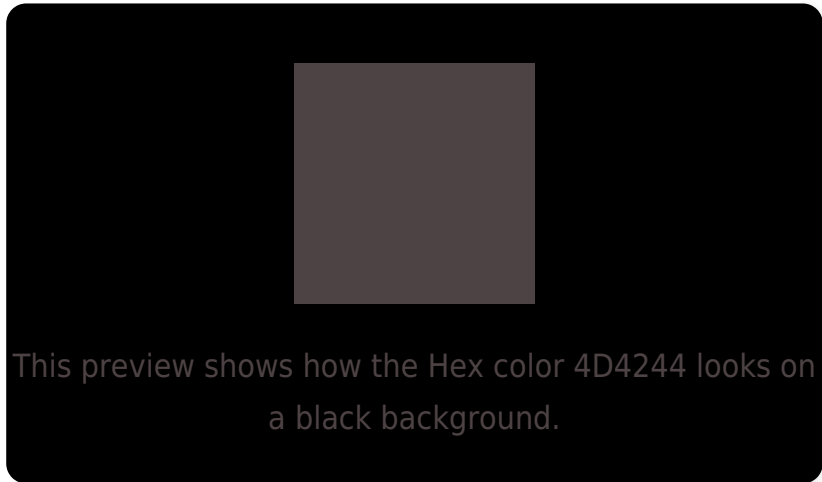
Large Text (above 18pt) WCAG AA ✓ Pass

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

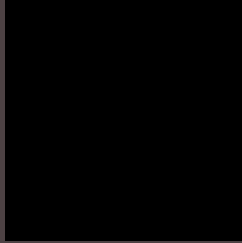
Any Text WCAG AA × Fail

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 4D4244 Background



This preview shows how black text looks on a background with the Hex color 4D4244.

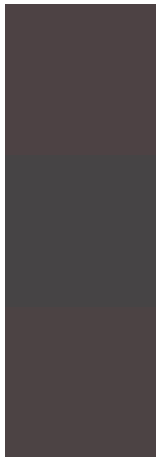


This preview shows how white text looks on a background with the Hex color 4D4244.

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

4D4244

Protanopia

464445

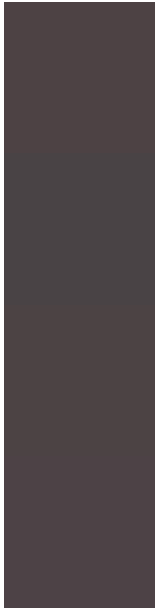
Deuteranopia

4C4344



Tritanopia
4D4247

Trichromacy



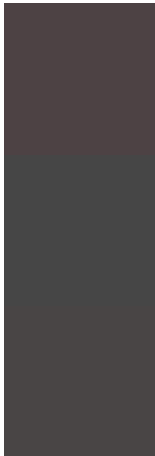
Original Color
4D4244

Protanomaly
494345

Deuteranomaly
4C4344

Tritanomaly
4D4246

Monochromacy



Original Color
4D4244

Achromatopsia
464646

Achromatomaly
494545

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4244 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 #4D4244 looks like.

```
.text, #text, p{  
    color:#4D4244  
}
```

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 #4D4244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4244
}
```

Border

The CSS property to change the border of an element to Hex 4D4244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

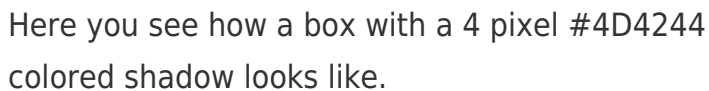
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4244 }
```

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

```
.border{ border-color:#4D4244 }
```

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



Here you see how a box with a 4 pixel #4D4244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4244; -webkit-box-shadow:4px 4px  
4px 4px #4D4244; box-shadow:4px 4px 4px  
4px #4D4244 }
```

Background

The CSS property to change the background color of an element to Hex 4D4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4244 }
```

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

```
.background{ background-color:#4D4244 }
```

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