

Converting Colors

Hex(4D4242)

Have a look what the booklet for
Hex(4D4242) contains.

Hex(4D4242)	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(4D4242)

Conversions

Conversions Part 1

Format	Color
Hex	4D4242
RGB	77, 66, 66
RGB Percent	30%, 26%, 26%
CMY	0.6980, 0.7412, 0.7412
CMYK	0.00, 0.14, 0.14, 0.70
HSL	0°, 8%, 28%
HSV	0°, 14%, 30%
XYZ	5.9922, 5.8676, 5.9710
YIQ	69.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

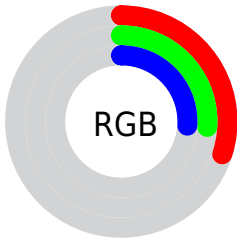
Format	Color
RYB	77, 66, 66
Decimal	5063234
CIELab	29.08, 4.71, 1.73
CIELCh	29, 5.016, 20.206
Yxy	5.8676, 0.3361, 0.3291
Android (android.graphics.Color)	4283253314 (0xFF4D4242)
YUV	69.2890, -1.6215, 6.7625
Hunter-Lab	24.2230, 1.7659, 2.3411

Details

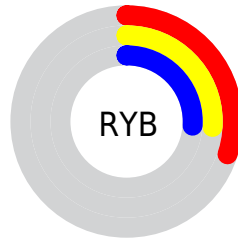
The Hex color **4D4242** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424D4D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7E7272**, and **211717** is the 20% darker color. If you saturate the color by 10%, you get **4D3A3A**, and if you desaturate by 10%, it is **4D4A4A**.

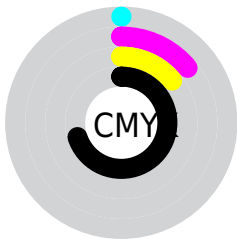
Distribution



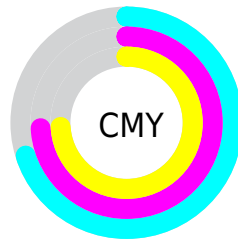
- Red (30%)
- Green (26%)
- Blue (26%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4242 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 4D4242 by changing the saturation by 10% instead.



4D4242



4D4242

FFFFFF



362C2C



7E7272



211717



988B8B



020000



B3A6A6



000000



CEC1C1



EBDDDD



FFF9F9



4D4242



4D4242



4D3A3A



4D4A4A

 4D3333

 4D5151

 4D2B2B

 4D5959

 4D2323

 4D6161

 4D1C1C

 4D6969

 4D1414

 4D7070

 4D0C0C

 4D7878

 4D0404

 4D8080

 4D0000

 4D8787

Harmonies

Analogous

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



4C4246



4D4242



4C433F

Triad

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



4D4242



40463F



3F454C

Complementary

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



4D4242



424D4D

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.



3C464A



4D4242



3D4743

Square

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



4D4242



45453D



3B4747



44444C

Rectangle

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



4D4242



4A433D



3B4747



3E464C

Sweetspot

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



4D4242



635F5F



4D424D



333030



B3B3B3



333333

Same Dimension

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



4D4242



635353



4D4842



262222



660000



E60000

Inverse Universe

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



424D4D



536363



42484D



222626



006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4D4242 looks on a white background.

Color Contrast Check

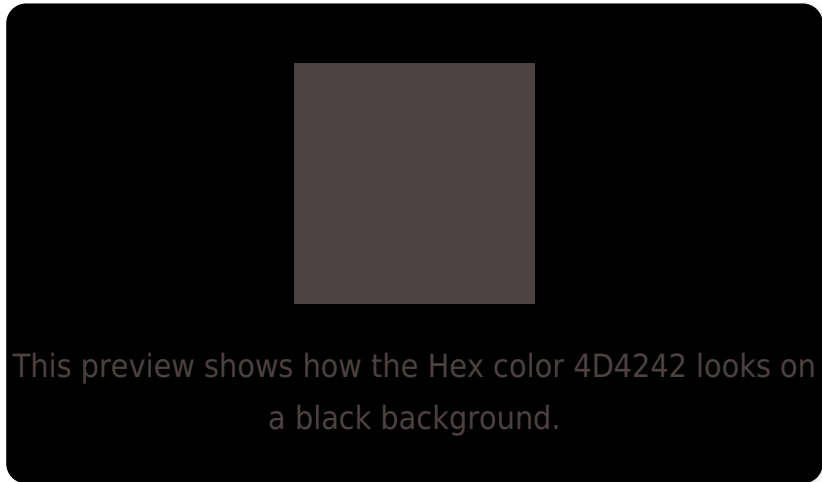
Large Text (above 18pt) WCAG AA ✓ Pass

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

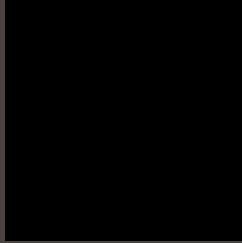
Any Text WCAG AA × Fail

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 4D4242 Background



This preview shows how black text looks on a background with the Hex color 4D4242.

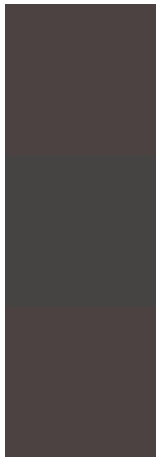


This preview shows how white text looks on a background with the Hex color 4D4242.

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
4D4242

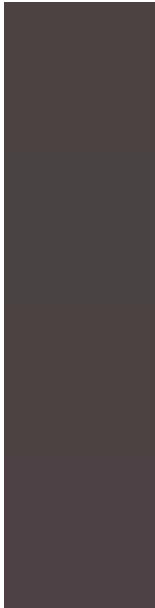
Protanopia
464443

Deuteranopia
4C4242



Tritanopia
4E4146

Trichromacy



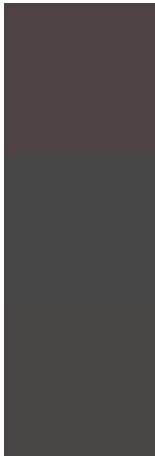
Original Color
4D4242

Protanomaly
494343

Deuteranomaly
4C4242

Tritanomaly
4E4145

Monochromacy



Original Color
4D4242

Achromatopsia
454545

Achromatomaly
484444

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4242 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 #4D4242 looks like.

```
.text, #text, p{  
    color:#4D4242  
}
```

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 #4D4242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4242
}
```

Border

The CSS property to change the border of an element to Hex 4D4242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

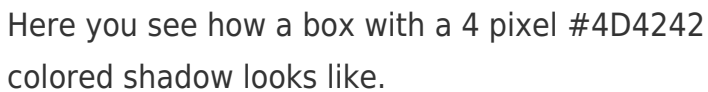
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4242 }
```

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

```
.border{ border-color:#4D4242 }
```

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



Here you see how a box with a 4 pixel #4D4242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4242; -webkit-box-shadow:4px 4px  
4px 4px #4D4242; box-shadow:4px 4px 4px  
4px #4D4242 }
```

Background

The CSS property to change the background color of an element to Hex 4D4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4242 }
```

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

```
.background{ background-color:#4D4242 }
```

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