

Converting Colors

Hex(4D552B)

Have a look what the booklet for
Hex(4D552B) contains.

Hex(4D552B)	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(4D552B)

Conversions

Conversions Part 1

Format	Color
Hex	4D552B
RGB	77, 85, 43
RGB Percent	30%, 33%, 17%
CMY	0.6980, 0.6667, 0.8314
CMYK	0.09, 0.00, 0.49, 0.67
HSL	71°, 33%, 25%
HSV	71°, 49%, 33%
XYZ	6.7451, 8.2492, 3.5222
YIQ	77.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

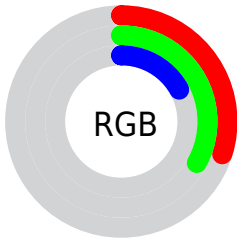
Format	Color
RYB	43, 85, 51
Decimal	5068075
CIELab	34.50, -10.65, 23.34
CIElCh	34, 25.652, 114.529
Yxy	8.2492, 0.3643, 0.4455
Android (android.graphics.Color)	4283258155 (0xFF4D552B)
YUV	77.8200, -17.1663, -0.7191
Hunter-Lab	28.7214, -8.3425, 12.8340

Details

The Hex color **4D552B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **332B55**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7F875A**, and **212800** is the 20% darker color. If you saturate the color by 10%, you get **4B5523**, and if you desaturate by 10%, it is **4F5533**.

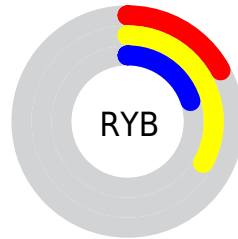
Distribution



Red (30%)

Green (33%)

Blue (17%)



Red (17%)

Yellow (33%)

Blue (20%)

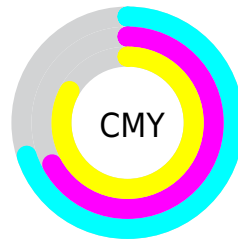


Cyan (9%)

Magenta (0%)

Yellow (49%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D552B 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 4D552B by changing the saturation by 10% instead.



4D552B



4D552B

FFFFFF



363E15



7F875A



212800



99A172



001500



B4BC8C



000000



D0D7A7



ECF4C2



FFFFDE



FFFFFB



4D552B



4D552B

■ 4B5523

■ 4F5533

■ 4A551A

■ 50553C

■ 485512

■ 525545

■ 475509

■ 53554D

■ 455501

■ 555556

■ 455500

■ 57555E

■ 585566

■ 5A556F

■ 5C5577

Harmonies

Analogous

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



614F28



4D552B



355939

Triad

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



4D552B



005972



754156

Complementary

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



4D552B



332B55

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.



674669



4D552B



295479

Square

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



4D552B



005C61



4D4D76



784241

Rectangle

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



4D552B



215B46



4D4D76



72425D

Sweetspot

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



4D552B



6B6E5D



55332B



36382E



B8B8B8



383838

Same Dimension

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



4D552B



616E2D



38552B



2B2B27



576B00



BEEB00

Inverse Universe

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



332B55



392D6E



482B55



28272B



14006B



2D00EB

Previews

White Background



This preview shows how the Hex color 4D552B looks on a white background.

Color Contrast Check

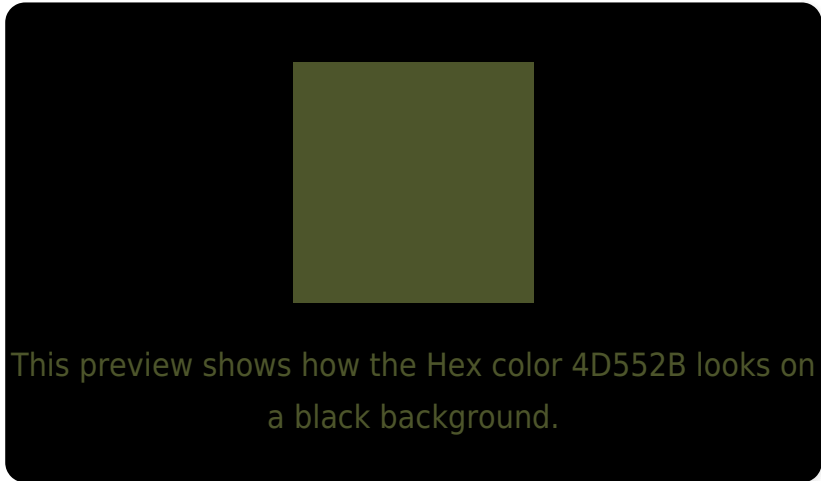
Large Text (above 18pt) WCAG AA ✓ Pass

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

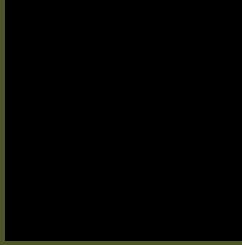
Any Text WCAG AA × Fail

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 4D552B Background



This preview shows how black text looks on a background with the Hex color 4D552B.



This preview shows how white text looks on a background with the Hex color 4D552B.

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
4D552B

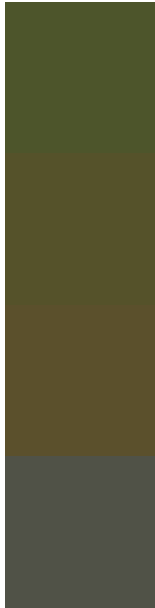
Protanopia
59512A

Deuteranopia
634D2D



Tritanopia
525057

Trichromacy



Original Color
4D552B

Protanomaly
55522A

Deuteranomaly
5B502C

Tritanomaly
505247

Monochromacy



Original Color
4D552B

Achromatopsia
4E4E4E

Achromatomaly
4E5141

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D552B 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 #4D552B looks like.

```
.text, #text, p{  
    color:#4D552B  
}
```

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 #4D552B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D552B  
}
```

Border

The CSS property to change the border of an element to Hex 4D552B is called "border". The border property can be set on classes, ids or directly on the HTML element.

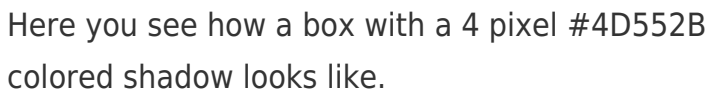
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D552B }
```

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

```
.border{ border-color:#4D552B }
```

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



Here you see how a box with a 4 pixel #4D552B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D552B; -webkit-box-shadow:4px 4px  
4px 4px #4D552B; box-shadow:4px 4px 4px  
4px #4D552B }
```

Background

The CSS property to change the background color of an element to Hex 4D552B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D552B }
```

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

```
.background{ background-color:#4D552B }
```

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