

Converting Colors

Hex(4D732B)

Have a look what the booklet for
Hex(4D732B) contains.

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Color

Hex(4D732B)

Conversions

Conversions Part 1

Format	Color
Hex	4D732B
RGB	77, 115, 43
RGB Percent	30%, 45%, 17%
CMY	0.6980, 0.5490, 0.8314
CMYK	0.33, 0.00, 0.63, 0.55
HSL	92°, 46%, 31%
HSV	92°, 63%, 45%
XYZ	9.6273, 14.0137, 4.4830
YIQ	95.4300, 0.4640, -30.4480

Conversions

Conversions Part 2

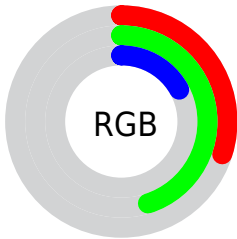
Format	Color
R_{YB}	43, 115, 81
Decimal	5075755
CIE _{Lab}	44.25, -26.64, 34.82
CIE _{LCh}	44, 43.842, 127.412
Yxy	14.0137, 0.3423, 0.4983
Android (android.graphics.Color)	4283265835 (0xFF4D732B)
YUV	95.4300, -25.8480, -16.1631
Hunter-Lab	37.4348, -19.6050, 19.1041

Details

The Hex color **4D732B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512B73**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **80A75C**, and **1C4200** is the 20% darker color. If you saturate the color by 10%, you get **477320**, and if you desaturate by 10%, it is **537337**.

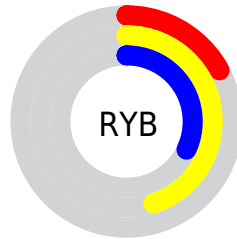
Distribution



 Red (30%)

 Green (45%)

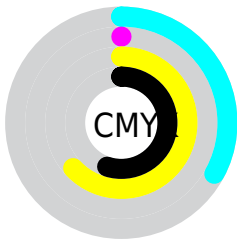
 Blue (17%)



 Red (17%)

 Yellow (45%)

 Blue (32%)

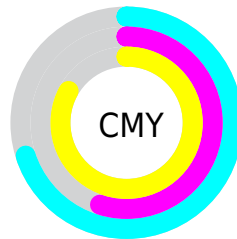


 Cyan (33%)


 Magenta (0%)

 Yellow (63%)

 Black (55%)



 Cyan (70%)

 Magenta (55%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D732B 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 4D732B by changing the saturation by 10% instead.

 4D732B

 4D732B

FFFFFF

 345A13

 80A75C

 1C4200

 9BC375

 012C00

 B7DF8F

 001700

 D3FBAA

 000000

 F0FFC6

 FFFFE2

 4D732B

 4D732B

 477320

 537337

■ 417314

■ 597342

■ 3B7309

■ 5F734E

■ 367300

■ 657359

■ 6B7365

■ 717370

■ 77737C

■ 7E7387

■ 847393

Harmonies

Analogous

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



746A1A



4D732B



00784B

Triad

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



4D732B



0074AC



AB4761

Complementary

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



4D732B



512B73

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.



9C4D85



4D732B



2F6AB1

Square

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



4D732B



007994



765BA3



A64F3E

Rectangle

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



4D732B



007A64



765BA3



A8476D

Sweetspot

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



4D732B



87967A



73502B



434D3B



CCCCCC



4D4D4D

Same Dimension

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



4D732B



5B9626



2B732C



383B35



3A7A00



76FA00

Inverse Universe

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



512B73



612696



732B72



38353B



41007A



8400FA

Previews

White Background



This preview shows how the Hex color 4D732B 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 4D732B Background



This preview shows how black text looks on a background with the Hex color 4D732B.



This preview shows how white text looks on a background with the Hex color 4D732B.

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
4D732B

Protanopia
746828

Deuteranopia
816330



Tritanopia
586C74

Trichromacy



Original Color
4D732B

Protanomaly
666C29

Deuteranomaly
6E692E

Tritanomaly
546F59

Monochromacy



Original Color
4D732B

Achromatopsia
5F5F5F

Achromatomaly
58664C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D732B 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 #4D732B looks like.

```
.text, #text, p{  
    color:#4D732B  
}
```

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 #4D732B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D732B
}
```

Border

The CSS property to change the border of an element to Hex 4D732B 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".

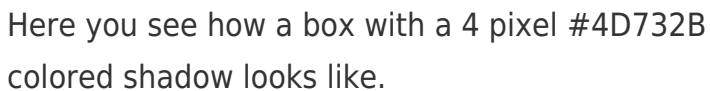
```
.border, #border, table{ border:4px solid
#4D732B }
```

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

```
.border{ border-color:#4D732B }
```

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

Here you see how a box with a 4 pixel #4D732B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D732B; -webkit-box-shadow:4px 4px  
4px 4px #4D732B; box-shadow:4px 4px 4px  
4px #4D732B }
```

Background

The CSS property to change the background color of an element to Hex 4D732B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D732B }
```

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

```
.background{ background-color:#4D732B }
```

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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