

Converting Colors

Hex(502D4A)

Have a look what the booklet for
Hex(502D4A) contains.

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Color

Hex(502D4A)

Conversions

Conversions Part 1

Format	Color
Hex	502D4A
RGB	80, 45, 74
RGB Percent	31%, 18%, 29%
CMY	0.6863, 0.8235, 0.7098
CMYK	0.00, 0.44, 0.07, 0.69
HSL	310°, 28%, 25%
HSV	310°, 44%, 31%
XYZ	5.4827, 4.0767, 6.9765
YIQ	58.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

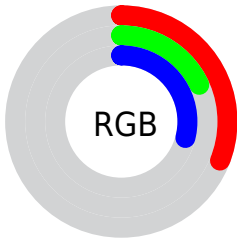
Format	Color
R_{YB}	80, 45, 74
Decimal	5254474
CIE _{Lab}	23.92, 21.11, -11.20
CIE _{LCh}	24, 23.895, 332.056
Yxy	4.0767, 0.3316, 0.2465
Android (android.graphics.Color)	4283444554 (0xFF502D4A)
YUV	58.7710, 7.5079, 18.6178
Hunter-Lab	20.1907, 13.1369, -6.3529

Details

The Hex color **502D4A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D5033**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **825C7B**, and **23001E** is the 20% darker color. If you saturate the color by 10%, you get **502549**, and if you desaturate by 10%, it is **50354B**.

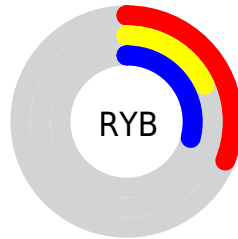
Distribution



Red (31%)

Green (18%)

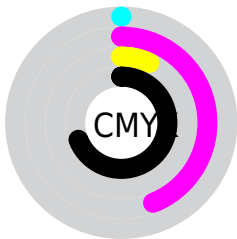
Blue (29%)



Red (31%)

Yellow (18%)

Blue (29%)

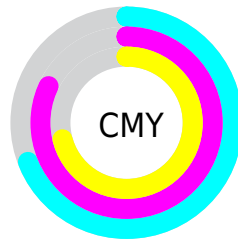


Cyan (0%)

Magenta (44%)

Yellow (7%)

Black (69%)



Cyan (69%)

Magenta (82%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502D4A 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 502D4A by changing the saturation by 10% instead.

 502D4A

 502D4A

FFFFFF

 381733

 825C7B

 23001E

 9C7595

 000002

 B88EAF

 000000

 D3A9CB

 F0C4E7

 FFE0FF

 FFFDFF

 502D4A

 502D4A

■ 502549

■ 50354B

■ 501D47

■ 503D4D

■ 501546

■ 50454E

■ 500D45

■ 504D4F

■ 500543

■ 505551

■ 500042

■ 505D52

■ 506554

■ 506D55

■ 507556

Harmonies

Analogous

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



3C3457



502D4A



5A2A38

Triad

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



502D4A



423814



00424B

Complementary

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



502D4A



2D5033

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.



00423A



502D4A



303D19

Square

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



502D4A



513219



184127



003F58

Rectangle

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



502D4A



5A2B2C



184127



004246

Sweetspot

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



502D4A



695B66



332D50



362D34



B5B5B5



363636

Same Dimension

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



502D4A



69315F



502D39



292528



690057



E800C0

Inverse Universe

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



502D4A



69315F



2D5044



292528



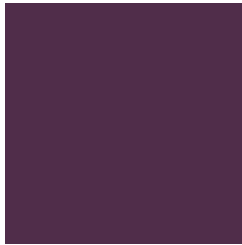
690057



E800C0

Previews

White Background



This preview shows how the Hex color 502D4A 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

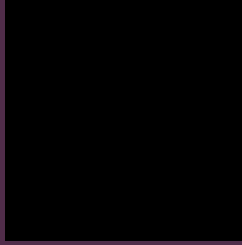
Any Text WCAG AA × Fail

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 502D4A Background



This preview shows how black text looks on a background with the Hex color 502D4A.



This preview shows how white text looks on a background with the Hex color 502D4A.

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
502D4A

Protanopia
313953

Deuteranopia
373848



Tritanopia
4E3135

Trichromacy



Original Color
502D4A

Protanomaly
3C3550

Deuteranomaly
403449

Tritanomaly
4F303D

Monochromacy



Original Color
502D4A

Achromatopsia
3B3B3B

Achromatomaly
433640

CSS Examples

Text

The CSS property to change the color of the text to Hex 502D4A 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 #502D4A looks like.

```
.text, #text, p{  
    color:#502D4A  
}
```

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 #502D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502D4A
}
```

Border

The CSS property to change the border of an element to Hex 502D4A 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".

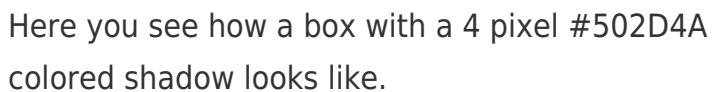
```
.border, #border, table{ border:4px solid
#502D4A }
```

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

```
.border{ border-color:#502D4A }
```

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

Here you see how a box with a 4 pixel #502D4A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502D4A; -webkit-box-shadow:4px 4px  
4px 4px #502D4A; box-shadow:4px 4px 4px  
4px #502D4A }
```

Background

The CSS property to change the background color of an element to Hex 502D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502D4A }
```

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

```
.background{ background-color:#502D4A }
```

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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