

Converting Colors

Hex(502D3D)

Have a look what the booklet for
Hex(502D3D) contains.

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Color

Hex(502D3D)

Conversions

Conversions Part 1

Format	Color
Hex	502D3D
RGB	80, 45, 61
RGB Percent	31%, 18%, 24%
CMY	0.6863, 0.8235, 0.7608
CMYK	0.00, 0.44, 0.24, 0.69
HSL	333°, 28%, 25%
HSV	333°, 44%, 31%
XYZ	5.0890, 3.9192, 4.9031
YIQ	57.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

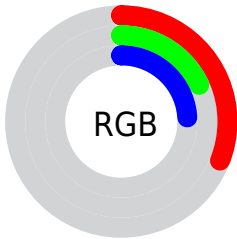
Format	Color
R_{YB}	80, 45, 61
Decimal	5254461
CIE _{Lab}	23.40, 18.61, -3.22
CIE _{LCh}	23, 18.890, 350.188
Yxy	3.9192, 0.3658, 0.2817
Android (android.graphics.Color)	4283444541 (0xFF502D3D)
YUV	57.2890, 1.8295, 19.9175
Hunter-Lab	19.7969, 11.2404, -0.8267

Details

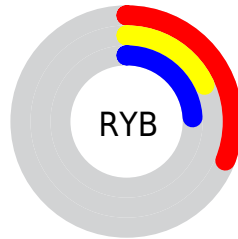
The Hex color **502D3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D5040**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **825C6C**, and **240013** is the 20% darker color. If you saturate the color by 10%, you get **502539**, and if you desaturate by 10%, it is **503541**.

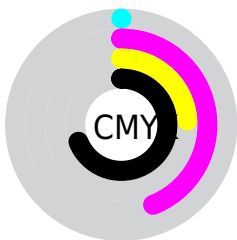
Distribution



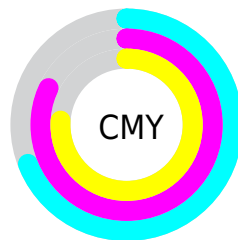
- Red (31%)
- Green (18%)
- Blue (24%)



- Red (31%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502D3D 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 502D3D by changing the saturation by 10% instead.



502D3D



502D3D

FFFFFF



381727



825C6C



240013



9D7486



000000



B88EA0



D4A9BB



F0C4D6



FFE0F3



FFFDFD



502D3D



502D3D

■ 502539

■ 503541

■ 501D34

■ 503D46

■ 501530

■ 50454A

■ 500D2C

■ 504D4E

■ 500527

■ 505553

■ 500025

■ 505D57

■ 50655B

■ 506D60

■ 507564

Harmonies

Analogous

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



45314A



502D3D



532D2F

Triad

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



502D3D



373A1D



003E4D

Complementary

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



502D3D



2D5040

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.



003F41



502D3D



273D25

Square

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



502D3D



45351C



133F32



193B53

Rectangle

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



502D3D



512F26



133F32



003E4A

Sweetspot

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



502D3D



695B61



402D50



362D31



B5B5B5



363636

Same Dimension

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



502D3D



69314A



502E2D



292527



690030



E8006A

Inverse Universe

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



502D3D



69314A



2D4F50



292527



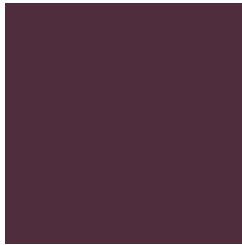
690030



E8006A

Previews

White Background



This preview shows how the Hex color 502D3D 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

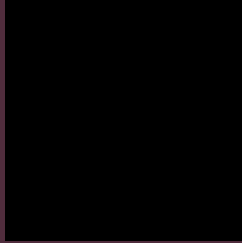
Any Text WCAG AA × Fail

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 502D3D Background



This preview shows how black text looks on a background with the Hex color 502D3D.



This preview shows how white text looks on a background with the Hex color 502D3D.

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
502D3D

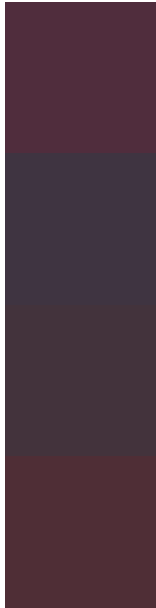
Protanopia
363844

Deuteranopia
3C373B



Tritanopia
4F2F32

Trichromacy



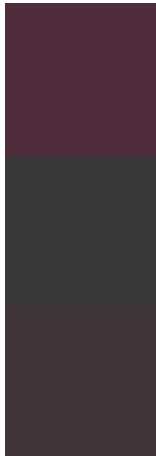
Original Color
502D3D

Protanomaly
3F3441

Deuteranomaly
43333C

Tritanomaly
4F2E36

Monochromacy



Original Color
502D3D

Achromatopsia
393939

Achromatomaly
41353A

CSS Examples

Text

The CSS property to change the color of the text to Hex 502D3D 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 #502D3D looks like.

```
.text, #text, p{  
    color:#502D3D  
}
```

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 #502D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502D3D
}
```

Border

The CSS property to change the border of an element to Hex 502D3D 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".

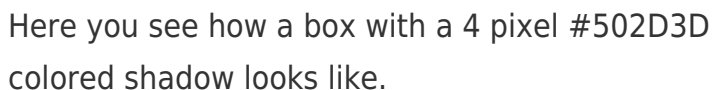
```
.border, #border, table{ border:4px solid
#502D3D }
```

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

```
.border{ border-color:#502D3D }
```

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

Here you see how a box with a 4 pixel #502D3D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502D3D; -webkit-box-shadow:4px 4px  
4px 4px #502D3D; box-shadow:4px 4px 4px  
4px #502D3D }
```

Background

The CSS property to change the background color of an element to Hex 502D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502D3D }
```

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

```
.background{ background-color:#502D3D }
```

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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