

Converting Colors

Hex(502B50)

Have a look what the booklet for
Hex(502B50) contains.

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Color

Hex(502B50)

Conversions

Conversions Part 1

Format	Color
Hex	502B50
RGB	80, 43, 80
RGB Percent	31%, 17%, 31%
CMY	0.6863, 0.8314, 0.6863
CMYK	0.00, 0.46, 0.00, 0.69
HSL	300°, 30%, 24%
HSV	300°, 46%, 31%
XYZ	5.6201, 4.0124, 8.0677
YIQ	58.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

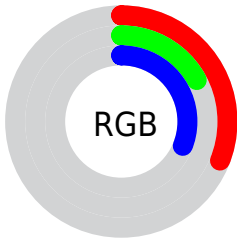
Format	Color
R_{YB}	80, 43, 80
Decimal	5253968
CIE _{Lab}	23.71, 23.62, -15.53
CIE _{LCh}	24, 28.268, 326.668
Yxy	4.0124, 0.3175, 0.2267
Android (android.graphics.Color)	4283444048 (0xFF502B50)
YUV	58.2810, 10.7075, 19.0476
Hunter-Lab	20.0310, 15.0276, -9.8579

Details

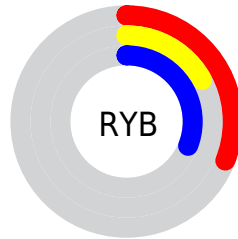
The Hex color **502B50** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B502B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **825A81**, and **230023** is the 20% darker color. If you saturate the color by 10%, you get **502350**, and if you desaturate by 10%, it is **503350**.

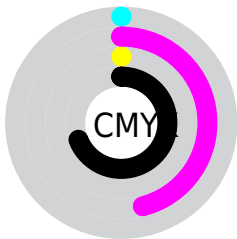
Distribution



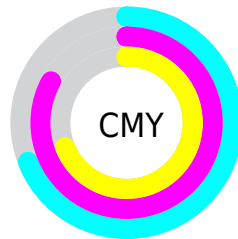
- Red (31%)
- Green (17%)
- Blue (31%)



- Red (31%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (69%)



- Cyan (69%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502B50 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 502B50 by changing the saturation by 10% instead.

■ 502B50

■ 502B50

FFFFFF

■ 381539

■ 825A81

■ 230023

■ 9D739B

■ 00000B

■ B88CB6

■ 000000

■ D4A7D2

■ F0C2EE

■ FFDEFF

■ FFFBFF

■ 502B50

■ 502B50

■ 502350

■ 503350

■ 501B50

■ 503B50

■ 501350

■ 504350

■ 500B50

■ 504B50

■ 500350

■ 505350

■ 500050

■ 505B50

■ 506350

■ 506B50

■ 507350

Harmonies

Analogous

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



35345E



502B50



5D253C

Triad

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



502B50



46370B



00434B

Complementary

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



502B50



2B502B

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.



004335



502B50



313D10

Square

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



502B50



562E15



154120



00405B

Rectangle

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



502B50



5F262D



154120



004344

Sweetspot

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



502B50



695A69



2B2B50



362C36



B5B5B5



363636

Same Dimension

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



502B50



692E69



502B3E



292529



690069



E800E8

Inverse Universe

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



502B50



692E69



2B503E



292529



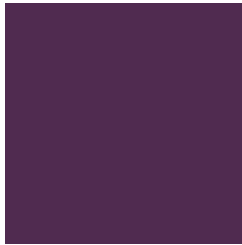
690069



E800E8

Previews

White Background



This preview shows how the Hex color 502B50 looks on a white background.

Color Contrast Check

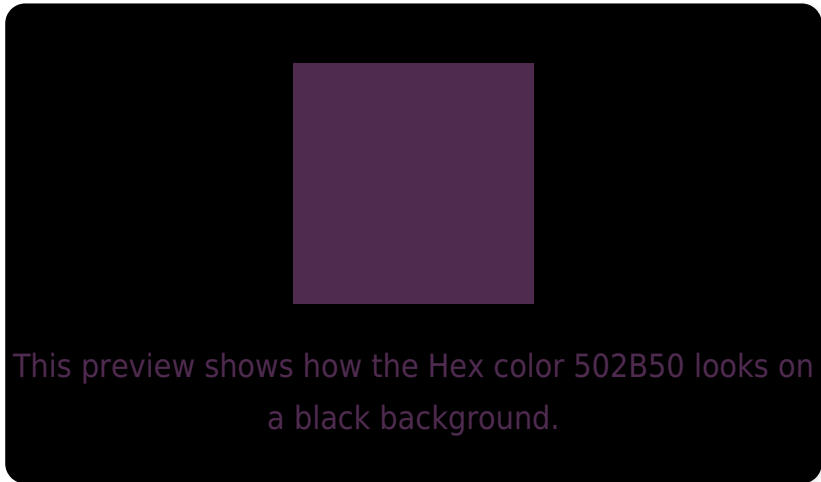
Large Text (above 18pt) WCAG AA ✓ Pass

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

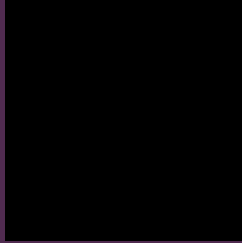
Any Text WCAG AA × Fail

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 502B50 Background



This preview shows how black text looks on a background with the Hex color 502B50.



This preview shows how white text looks on a background with the Hex color 502B50.

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
502B50

Protanopia
2C385B

Deuteranopia
33384E



Tritanopia
4D3135

Trichromacy



Original Color
502B50

Protanomaly
393357

Deuteranomaly
3E334F

Tritanomaly
4E2F3F

Monochromacy



Original Color
502B50

Achromatopsia
3A3A3A

Achromatomaly
423542

CSS Examples

Text

The CSS property to change the color of the text to Hex 502B50 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 #502B50 looks like.

```
.text, #text, p{  
    color:#502B50  
}
```

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 #502B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502B50
}
```

Border

The CSS property to change the border of an element to Hex 502B50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

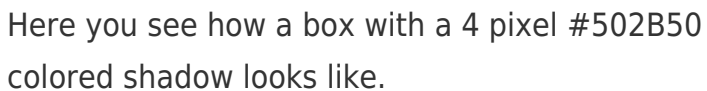
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502B50 }
```

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

```
.border{ border-color:#502B50 }
```

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



Here you see how a box with a 4 pixel #502B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502B50; -webkit-box-shadow:4px 4px  
4px 4px #502B50; box-shadow:4px 4px 4px  
4px #502B50 }
```

Background

The CSS property to change the background color of an element to Hex 502B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502B50 }
```

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

```
.background{ background-color:#502B50 }
```

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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