

Converting Colors

Hex(502A5D)

Have a look what the booklet for
Hex(502A5D) contains.

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Color

Hex(502A5D)

Conversions

Conversions Part 1

Format	Color
Hex	502A5D
RGB	80, 42, 93
RGB Percent	31%, 16%, 36%
CMY	0.6863, 0.8353, 0.6353
CMYK	0.14, 0.55, 0.00, 0.64
HSL	285°, 38%, 26%
HSV	285°, 55%, 36%
XYZ	6.1120, 4.1517, 10.8351
YIQ	59.1760, 6.2770, 23.9170

Conversions

Conversions Part 2

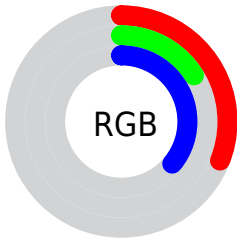
Format	Color
RYB	80, 42, 93
Decimal	5253725
CIELab	24.17, 27.18, -23.43
CIELCh	24, 35.887, 319.246
Yxy	4.1517, 0.2897, 0.1968
Android (android.graphics.Color)	4283443805 (0xFF502A5D)
YUV	59.1760, 16.6752, 18.2626
Hunter-Lab	20.3758, 17.8862, -17.2654

Details

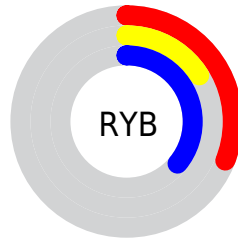
The Hex color **502A5D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375D2A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **835990**, and **22002F** is the 20% darker color. If you saturate the color by 10%, you get **4E215D**, and if you desaturate by 10%, it is **52335D**.

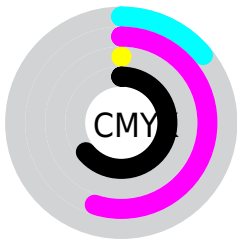
Distribution



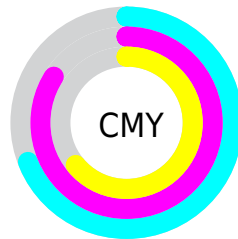
- Red (31%)
- Green (16%)
- Blue (36%)



- Red (31%)
- Yellow (16%)
- Blue (36%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502A5D 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 502A5D by changing the saturation by 10% instead.

■ 502A5D

■ 502A5D

FFFFFF

■ 381445

■ 835990

■ 22002F

■ 9D72AA

■ 000019

■ B88CC6

■ 000000

■ D4A6E2

■ F1C2FE

■ FFDEFF

■ FFFBFF

■ 502A5D

■ 502A5D

■ 4E215D

■ 52335D

■ 4B175D

■ 553D5D

■ 490E5D

■ 57465D

■ 47055D

■ 594F5D

■ 45005D

■ 5C595D

■ 5E625D

■ 616B5D

■ 63745D

■ 657E5D

Harmonies

Analogous

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



24366D



502A5D



651F44

Triad

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



502A5D



4F3500



00464A

Complementary

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



502A5D



375D2A

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.



00452E



502A5D



363D00

Square

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



502A5D



612911



124313



004462

Rectangle

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



502A5D



691D32



124313



004641

Sweetspot

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



502A5D



736578



2A385D



3A323D



BDBDBD



3D3D3D

Same Dimension

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



502A5D



642978



5D2A51



2D292E



52006E



B100ED

Inverse Universe

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



5D2A37



78293D



2A5D36



2E292A



6E001C



ED003C

Previews

White Background



This preview shows how the Hex color 502A5D looks on a white background.

Color Contrast Check

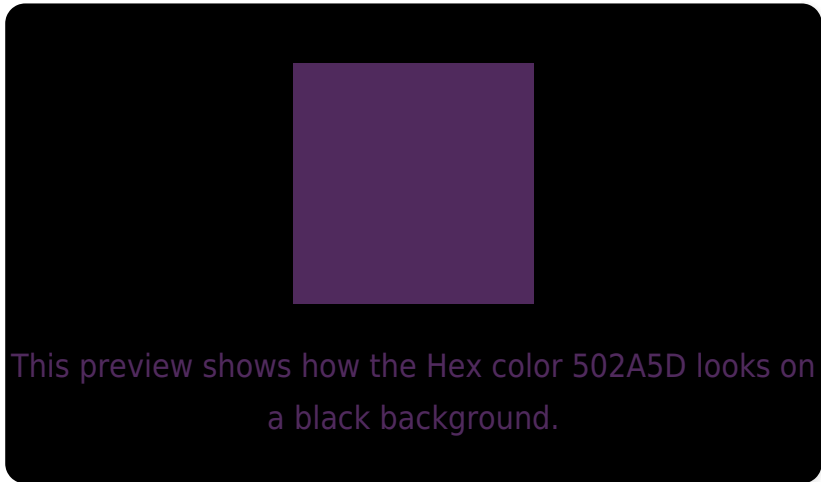
Large Text (above 18pt) WCAG AA ✓ Pass

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

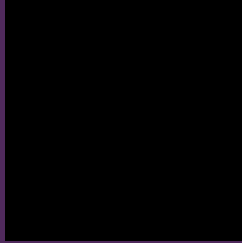
Any Text WCAG AA × Fail

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 502A5D Background



This preview shows how black text looks on a background with the Hex color 502A5D.



This preview shows how white text looks on a background with the Hex color 502A5D.

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](#).

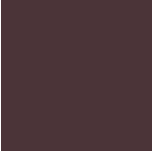
Dichromacy



Original Color
502A5D

Protanopia
21386B

Deuteranopia
2A3A5A



Tritanopia
4B3438

Trichromacy



Original Color
502A5D

Protanomaly
323366

Deuteranomaly
38345B

Tritanomaly
4D3045

Monochromacy



Original Color
502A5D

Achromatopsia
3B3B3B

Achromatomaly
433547

CSS Examples

Text

The CSS property to change the color of the text to Hex 502A5D 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 #502A5D looks like.

```
.text, #text, p{  
    color:#502A5D  
}
```

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 #502A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502A5D
}
```

Border

The CSS property to change the border of an element to Hex 502A5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

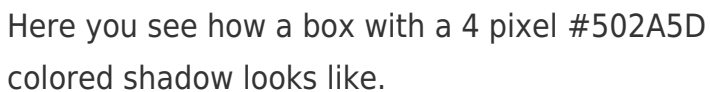
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502A5D }
```

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

```
.border{ border-color:#502A5D }
```

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



Here you see how a box with a 4 pixel #502A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502A5D; -webkit-box-shadow:4px 4px  
4px 4px #502A5D; box-shadow:4px 4px 4px  
4px #502A5D }
```

Background

The CSS property to change the background color of an element to Hex 502A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502A5D }
```

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

```
.background{ background-color:#502A5D }
```

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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