

Converting Colors

Hex(502947)

Have a look what the booklet for
Hex(502947) contains.

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Color

Hex(502947)

Conversions

Conversions Part 1

Format	Color
Hex	502947
RGB	80, 41, 71
RGB Percent	31%, 16%, 28%
CMY	0.6863, 0.8392, 0.7216
CMYK	0.00, 0.49, 0.11, 0.69
HSL	314°, 32%, 24%
HSV	314°, 49%, 31%
XYZ	5.2385, 3.7463, 6.4082
YIQ	56.0810, 13.6140, 17.5980

Conversions

Conversions Part 2

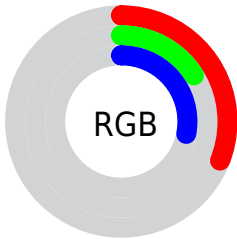
Format	Color
R_{YB}	80, 41, 71
Decimal	5253447
CIE _{Lab}	22.81, 22.98, -10.87
CIE _{LCh}	23, 25.421, 334.673
Yxy	3.7463, 0.3403, 0.2434
Android (android.graphics.Color)	4283443527 (0xFF502947)
YUV	56.0810, 7.3551, 20.9770
Hunter-Lab	19.3553, 14.4394, -6.0813




Details

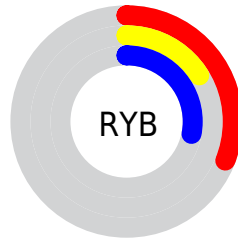
The Hex color **502947** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **295032**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **825877**, and **24001C** is the 20% darker color. If you saturate the color by 10%, you get **502145**, and if you desaturate by 10%, it is **503149**.

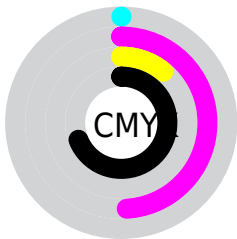
Distribution







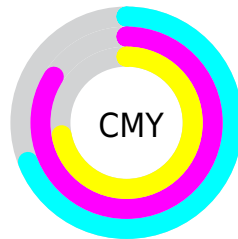
-  Red (31%)
-  Green (16%)
-  Blue (28%)






-  Red (31%)
-  Yellow (16%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (11%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (84%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502947 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 502947 by changing the saturation by 10% instead.

■ 502947

■ 502947

FFFFFF

■ 381331

■ 825877

■ 24001C

■ 9D7091

■ 000000

■ B88AAC

■ D4A5C7

■ F0C0E3

■ FFDCFF

■ FFF9FF

■ 502947

■ 502947

■ 502145

■ 503149

■ 501943

■ 50394B

■ 501141

■ 50414D

■ 500940

■ 50494E

■ 50013E

■ 505150

■ 50003E

■ 505952

■ 506154

■ 506956

■ 507158

Harmonies

Analogous

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



3B3056



502947



592634

Triad

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



502947



3E360F



003F4B

Complementary

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



502947



295032

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.



004039



502947



2B3C16

Square

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



502947



4E3014



0E3F26



003D58

Rectangle

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



502947



592728



0E3F26



004046

Sweetspot

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



502947



695965



312950



362C33



B5B5B5



363636

Same Dimension

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



502947



692B5A



502934



292528



690050



E800B3

Inverse Universe

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



502947



692B5A



295045



292528



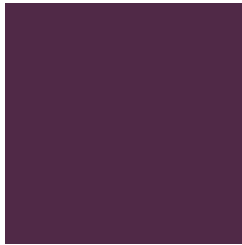
690050



E800B3

Previews

White Background



This preview shows how the Hex color 502947 looks on a white background.

Color Contrast Check

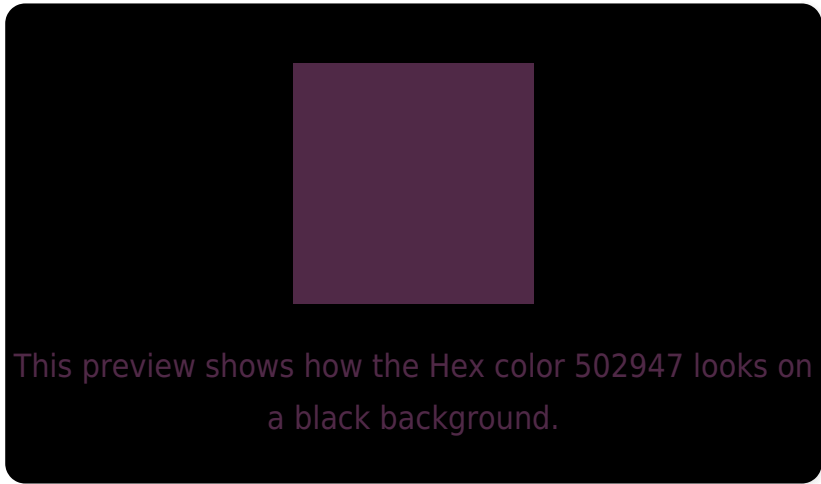
Large Text (above 18pt) WCAG AA ✓ Pass

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

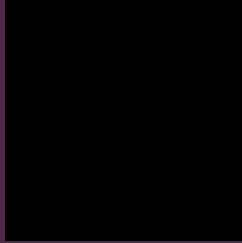
Any Text WCAG AA × Fail

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 502947 Background



This preview shows how black text looks on a background with the Hex color 502947.



This preview shows how white text looks on a background with the Hex color 502947.

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
502947

Protanopia
2E3651

Deuteranopia
353645



Tritanopia
4E2E31

Trichromacy



Original Color
502947

Protanomaly
3A314D

Deuteranomaly
3F3146

Tritanomaly
4F2C39

Monochromacy



Original Color
502947

Achromatopsia
383838

Achromatomaly
41333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 502947 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 #502947 looks like.

```
.text, #text, p{  
    color:#502947  
}
```

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 #502947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502947
}
```

Border

The CSS property to change the border of an element to Hex 502947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

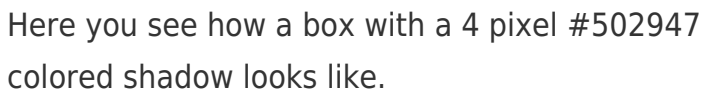
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502947 }
```

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

```
.border{ border-color:#502947 }
```

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



Here you see how a box with a 4 pixel #502947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502947; -webkit-box-shadow:4px 4px  
4px 4px #502947; box-shadow:4px 4px 4px  
4px #502947 }
```

Background

The CSS property to change the background color of an element to Hex 502947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502947 }
```

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

```
.background{ background-color:#502947 }
```

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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