

Converting Colors

Hex(502801)

Have a look what the booklet for
Hex(502801) contains.

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Color

Hex(502801)

Conversions

Conversions Part 1

Format	Color
Hex	502801
RGB	80, 40, 1
RGB Percent	31%, 16%, 0%
CMY	0.6863, 0.8431, 0.9961
CMYK	0.00, 0.50, 0.99, 0.69
HSL	30°, 98%, 16%
HSV	30°, 99%, 31%
XYZ	4.0725, 3.2252, 0.4366
YIQ	47.5140, 36.3590, -3.6490

Conversions

Conversions Part 2

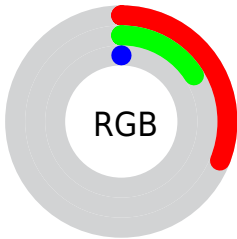
Format	Color
RYB	80, 78, 1
Decimal	5253121
CIELab	20.92, 15.81, 29.83
CIELCh	21, 33.760, 62.083
Yxy	3.2252, 0.5265, 0.4170
Android (android.graphics.Color)	4283443201 (0xFF502801)
YUV	47.5140, -22.9314, 28.4902
Hunter-Lab	17.9590, 9.0500, 11.1299

Details

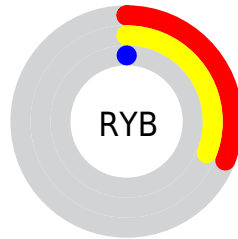
The Hex color **502801** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **012950**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **855630**, and **200000** is the 20% darker color. If you saturate the color by 10%, you get **502700**, and if you desaturate by 10%, it is **502C09**.

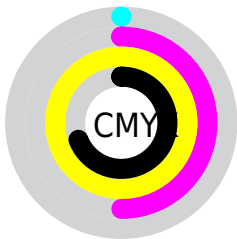
Distribution



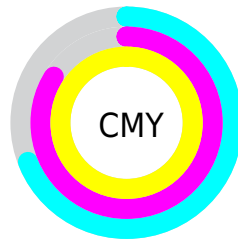
- Red (31%)
- Green (16%)
- Blue (0%)



- Red (31%)
- Yellow (31%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (99%)
- Black (69%)



- Cyan (69%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502801 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 502801 by changing the saturation by 10% instead.

 502801

 502801

 FFFFE4

 361300

 855630

 200000

 A16E47

 000000

 BD885F

 DAA278

 F8BD92

 FFD9AD

 FFF5C8

 502801

 502801

■ 502700

■ 502C09

■ 503011

■ 503419

■ 503821

■ 503C29

■ 504031

■ 504439

■ 504841

■ 504C49

Harmonies

Analogous

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



5C1D19



502801



3D3200

Triad

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



502801



003E33



342B5D

Complementary

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



502801



012950

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.



003564



502801



003D4C

Square

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



502801



003C1A



003B5E



511F4A

Rectangle

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



502801



2D3600



003B5E



242F61

Sweetspot

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



502801



695949



50012A



362C22



B5B5B5



363636

Same Dimension

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



502801



693400



504F01



292725



E87300

Inverse Universe

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



012950



003569



010250



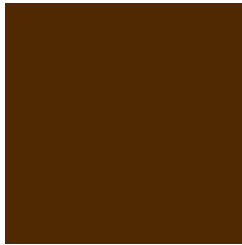
252729



0075E8

Previews

White Background



This preview shows how the Hex color 502801 looks on a white background.

Color Contrast Check

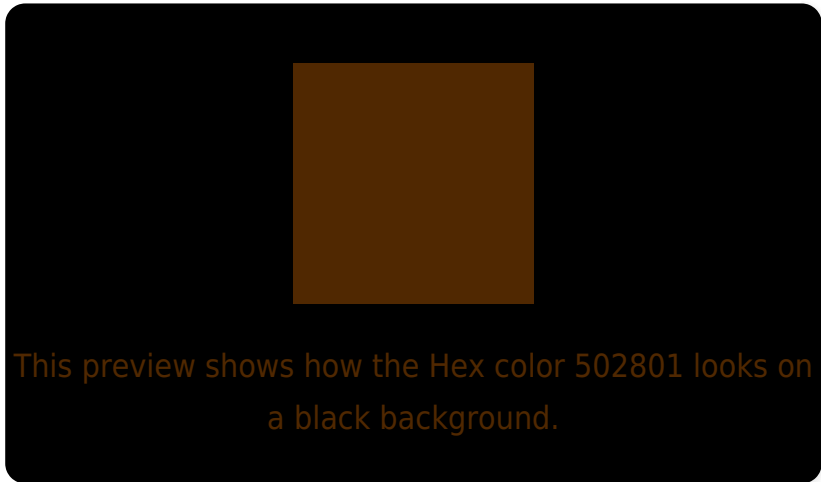
Large Text (above 18pt) WCAG AA ✓ Pass

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

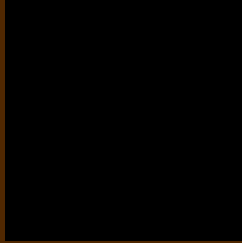
Any Text WCAG AA × Fail

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 502801 Background



This preview shows how black text looks on a background with the Hex color 502801.



This preview shows how white text looks on a background with the Hex color 502801.

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
502801

Protanopia
3A3307

Deuteranopia
413100



Tritanopia
512528

Trichromacy



Original Color
502801

Protanomaly
422F05

Deuteranomaly
462E00

Tritanomaly
51261A

Monochromacy



Original Color
502801

Achromatopsia
303030

Achromatomaly
3C2D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 502801 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 #502801 looks like.

```
.text, #text, p{  
    color:#502801  
}
```

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 #502801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502801
}
```

Border

The CSS property to change the border of an element to Hex 502801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

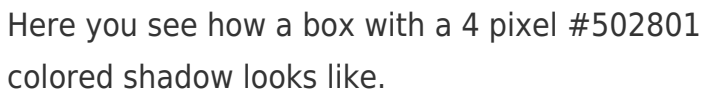
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502801 }
```

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

```
.border{ border-color:#502801 }
```

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



Here you see how a box with a 4 pixel #502801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502801; -webkit-box-shadow:4px 4px  
4px 4px #502801; box-shadow:4px 4px 4px  
4px #502801 }
```

Background

The CSS property to change the background color of an element to Hex 502801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502801 }
```

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

```
.background{ background-color:#502801 }
```

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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