

Converting Colors

Hex(502224)

Have a look what the booklet for
Hex(502224) contains.

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Color

Hex(502224)

Conversions

Conversions Part 1

Format	Color
Hex	502224
RGB	80, 34, 36
RGB Percent	31%, 13%, 14%
CMY	0.6863, 0.8667, 0.8588
CMYK	0.00, 0.58, 0.55, 0.69
HSL	357°, 40%, 22%
HSV	357°, 57%, 31%
XYZ	4.1987, 2.9769, 2.0224
YIQ	47.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

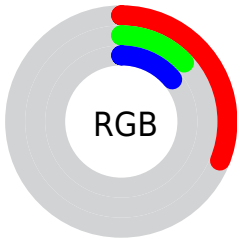
Format	Color
RYB	80, 34, 36
Decimal	5251620
CIELab	19.95, 21.79, 9.02
CIELCh	20, 23.582, 22.485
Yxy	2.9769, 0.4565, 0.3236
Android (android.graphics.Color)	4283441700 (0xFF502224)
YUV	47.9820, -5.9071, 28.0798
Hunter-Lab	17.2537, 13.2444, 5.1280

Details

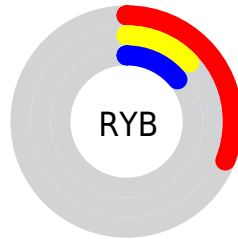
The Hex color **502224** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22504E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **845050**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **501A1C**, and if you desaturate by 10%, it is **502A2C**.

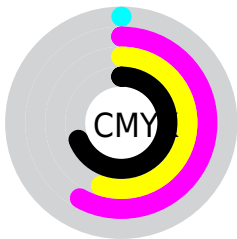
Distribution



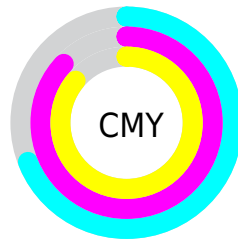
- Red (31%)
- Green (13%)
- Blue (14%)



- Red (31%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502224 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 502224 by changing the saturation by 10% instead.

 502224

 502224

FFFFFF

 370C0F

 845050

 230001

 9F6968

 000000

 BB8282

 D79C9C

 F4B7B6

 FFD3D2

 FFF0EE

 502224

 502224

■ 501A1C

■ 502A2C

■ 501215

■ 503233

■ 500A0D

■ 503A3B

■ 500205

■ 504243

■ 500003

■ 504A4A

■ 505252

■ 505A5A

■ 506261

■ 506A69

Harmonies

Analogous

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



4E2235



502224



4A2715

Triad

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



502224



18371A



003352

Complementary

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



502224



22504E

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.



00374B



502224



00382B

Square

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



502224



2D330E



00393D



2A2D50

Rectangle

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



502224



422C0E



00393D



003551

Sweetspot

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



502224



695758



4E2250



362B2B



B5B5B5



363636

Same Dimension

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



502224



692024



503722



292525



690005



E8000A

Inverse Universe

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



502224



692024



223B50



292525



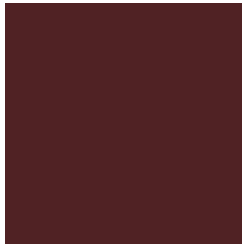
690005



E8000A

Previews

White Background



This preview shows how the Hex color 502224 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

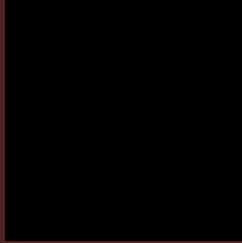
Any Text WCAG AA × Fail

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 502224 Background



This preview shows how black text looks on a background with the Hex color 502224.



This preview shows how white text looks on a background with the Hex color 502224.

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
502224

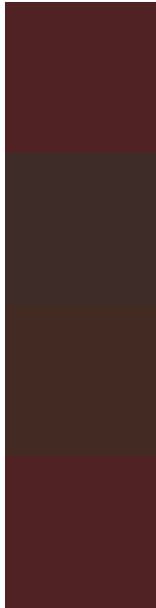
Protanopia
33312B

Deuteranopia
3B2F22



Tritanopia
502224

Trichromacy



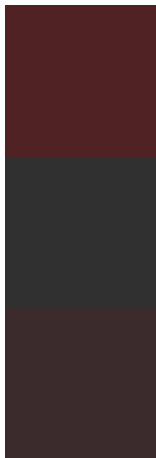
Original Color
502224

Protanomaly
3E2C28

Deuteranomaly
432A23

Tritanomaly
502224

Monochromacy



Original Color
502224

Achromatopsia
303030

Achromatomaly
3C2B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 502224 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 #502224 looks like.

```
.text, #text, p{  
    color:#502224  
}
```

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 #502224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502224
}
```

Border

The CSS property to change the border of an element to Hex 502224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

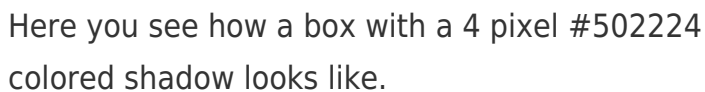
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502224 }
```

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

```
.border{ border-color:#502224 }
```

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



Here you see how a box with a 4 pixel #502224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502224; -webkit-box-shadow:4px 4px  
4px 4px #502224; box-shadow:4px 4px 4px  
4px #502224 }
```

Background

The CSS property to change the background color of an element to Hex 502224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502224 }
```

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

```
.background{ background-color:#502224 }
```

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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