

Converting Colors

Hex(550822)

Have a look what the booklet for
Hex(550822) contains.

Hex(550822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(550822)

Conversions

Conversions Part 1

Format	Color
Hex	550822
RGB	85, 8, 34
RGB Percent	33%, 3%, 13%
CMY	0.6667, 0.9686, 0.8667
CMYK	0.00, 0.91, 0.60, 0.67
HSL	340°, 83%, 18%
HSV	340°, 91%, 33%
XYZ	4.1219, 2.2205, 1.7247
YIQ	33.9870, 37.5460, 24.4100

Conversions

Conversions Part 2

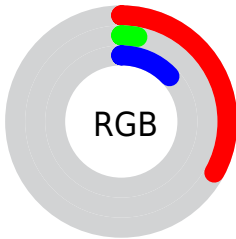
Format	Color
RYB	85, 8, 34
Decimal	5572642
CIELab	16.60, 35.13, 5.99
CIElCh	17, 35.638, 9.669
Yxy	2.2205, 0.5110, 0.2752
Android (android.graphics.Color)	4283762722 (0xFF550822)
YUV	33.9870, 0.0064, 44.7384
Hunter-Lab	14.9012, 23.2985, 3.5684

Details

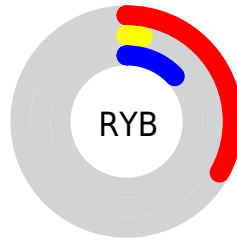
The Hex color **550822** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08553B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **8B3D4E**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **55001D**, and if you desaturate by 10%, it is **551028**.

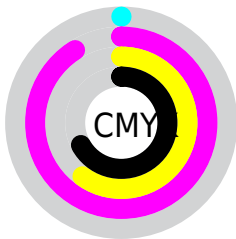
Distribution



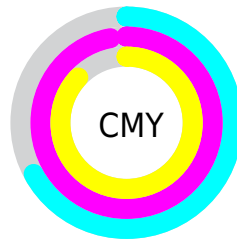
- Red (33%)
- Green (3%)
- Blue (13%)



- Red (33%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (60%)
- Black (67%)



- Cyan (67%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550822 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 550822 by changing the saturation by 10% instead.

 550822

 550822

 FFF9FF

 3B000B

 8B3D4E

 220001

 A75566

 000000

 C36F7F

 E08999

 FEA4B3

 FFC0CF

 FFDCEB

 550822

 550822

■ 55001D

■ 551028

■ 55192D

■ 552133

■ 552A39

■ 55323E

■ 553B44

■ 554349

■ 554C4F

■ 555455

Harmonies

Analogous

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



4D0F3B



550822



501406

Triad

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



550822



113000



003159

Complementary

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



550822



08553B

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.



003449



550822



003316

Square

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



550822



2D2B00



003431



002A5C

Rectangle

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



550822



481D00



003431



003255

Sweetspot

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



550822



6E505A



3A0855



38262C



B8B8B8



383838

Same Dimension

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



550822



6E0025



551408



2B2728



6B0024



EB004F

Inverse Universe

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



550822



6E0025



084955



2B2728



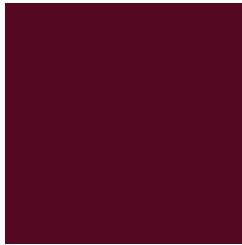
6B0024



EB004F

Previews

White Background



This preview shows how the Hex color 550822 looks on a white background.

Color Contrast Check

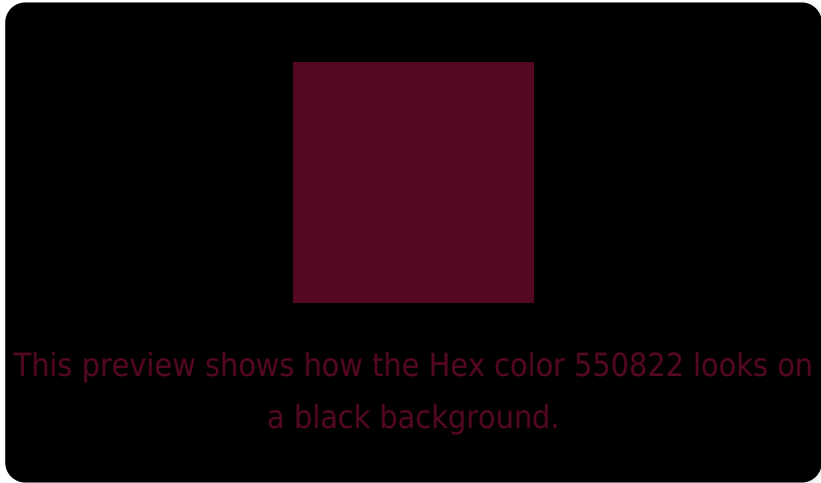
Large Text (above 18pt) WCAG AA ✓ Pass

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 550822 Background



This preview shows how black text looks on a background with the Hex color 550822.



This preview shows how white text looks on a background with the Hex color 550822.

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
550822

Protanopia
2B2C31

Deuteranopia
352A1E



Tritanopia
540F0F

Trichromacy



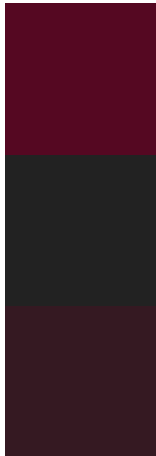
Original Color
550822

Protanomaly
3A1F2C

Deuteranomaly
411E1F

Tritanomaly
540C16

Monochromacy



Original Color
550822

Achromatopsia
222222

Achromatomaly
351922

CSS Examples

Text

The CSS property to change the color of the text to Hex 550822 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 #550822 looks like.

```
.text, #text, p{  
    color:#550822  
}
```

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 #550822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550822
}
```

Border

The CSS property to change the border of an element to Hex 550822 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".

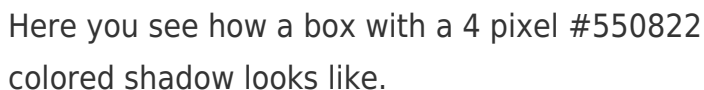
```
.border, #border, table{ border:4px solid
#550822 }
```

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

```
.border{ border-color:#550822 }
```

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

Here you see how a box with a 4 pixel #550822 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550822; -webkit-box-shadow:4px 4px  
4px 4px #550822; box-shadow:4px 4px 4px  
4px #550822 }
```

Background

The CSS property to change the background color of an element to Hex 550822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550822 }
```

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

```
.background{ background-color:#550822 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor