

Converting Colors

Hex(551850)

Have a look what the booklet for
Hex(551850) contains.

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Color

Hex(551850)

Conversions

Conversions Part 1

Format	Color
Hex	551850
RGB	85, 24, 80
RGB Percent	33%, 9%, 31%
CMY	0.6667, 0.9059, 0.6863
CMYK	0.00, 0.72, 0.06, 0.67
HSL	305°, 56%, 21%
HSV	305°, 72%, 33%
XYZ	5.5209, 3.1637, 7.9091
YIQ	48.6230, 18.3800, 30.3480

Conversions

Conversions Part 2

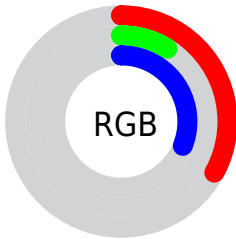
Format	Color
R_{YB}	85, 24, 80
Decimal	5576784
CIE _{Lab}	20.69, 35.50, -20.19
CIE _{LCh}	21, 40.842, 330.369
Yxy	3.1637, 0.3327, 0.1907
Android (android.graphics.Color)	4283766864 (0xFF551850)
YUV	48.6230, 15.4689, 31.9026
Hunter-Lab	17.7869, 24.2778, -13.9129

Details

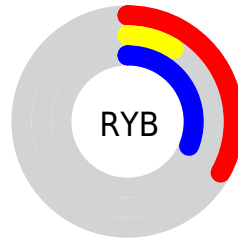
The Hex color **551850** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18551D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **894982**, and **280024** is the 20% darker color. If you saturate the color by 10%, you get **550F4F**, and if you desaturate by 10%, it is **552051**.

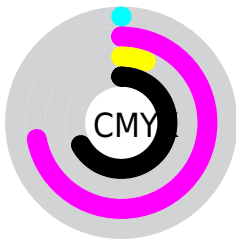
Distribution



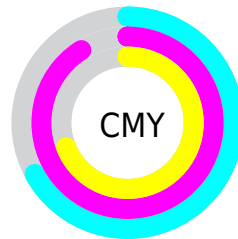
- Red (33%)
- Green (9%)
- Blue (31%)



- Red (33%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (6%)
- Black (67%)



- Cyan (67%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551850 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 551850 by changing the saturation by 10% instead.

■ 551850

■ 551850

FFFFFF

■ 3C0039

■ 894982

■ 280024

■ A4629C

■ 00000A

■ C07CB7

■ 000000

■ DC96D2

■ F9B1EF

■ FFCDFE

■ FFEAFF

■ 551850

■ 551850

■ 550F4F

■ 552051

■ 55074F

■ 552951

■ 55004E

■ 553152

■ 553A53

■ 554253

■ 554B54

■ 555355

■ 555C56

■ 556456

Harmonies

Analogous

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



2E2966



551850



640933

Triad

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



551850



3E3100



003F50

Complementary

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



551850



18551D

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.



003E31



551850



213800

Square

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



551850



552400



003D11



003C66

Rectangle

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



551850



650D1F



003D11



003F46

Sweetspot

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



551850



6E566C



1C1855



382A37



B8B8B8



383838

Same Dimension

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



551850



6E0F66



551832



2B272B



6B0062



EB00D7

Inverse Universe

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



551850



6E0F66



18553B



2B272B



6B0062



EB00D7

Previews

White Background



This preview shows how the Hex color 551850 looks on a white background.

Color Contrast Check

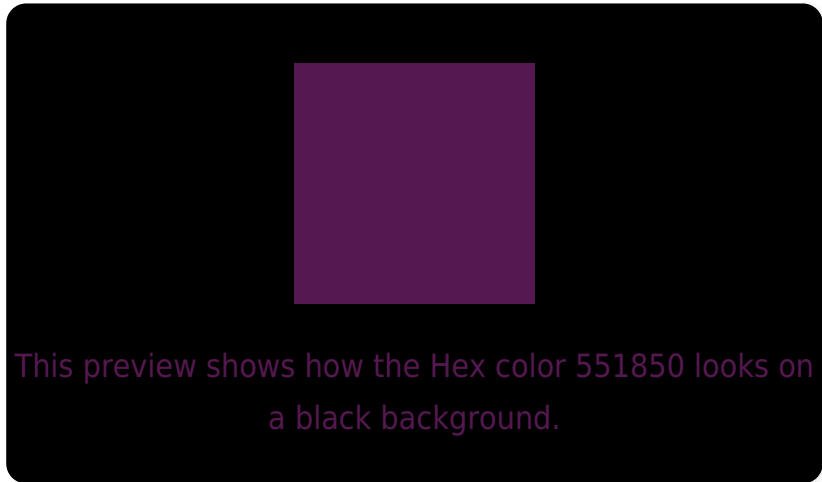
Large Text (above 18pt) WCAG AA ✓ Pass

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

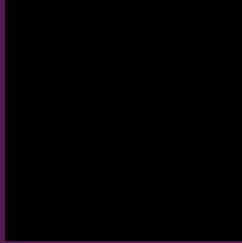
Any Text WCAG AA × Fail

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 551850 Background



This preview shows how black text looks on a background with the Hex color 551850.



This preview shows how white text looks on a background with the Hex color 551850.

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
551850

Protanopia
0E3167

Deuteranopia
28334C



Tritanopia
512528

Trichromacy



Original Color
551850

Protanomaly
28285F

Deuteranomaly
38294D

Tritanomaly
522037

Monochromacy



Original Color
551850

Achromatopsia
313131

Achromatomaly
3E283C

CSS Examples

Text

The CSS property to change the color of the text to Hex 551850 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 #551850 looks like.

```
.text, #text, p{  
    color:#551850  
}
```

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 #551850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551850
}
```

Border

The CSS property to change the border of an element to Hex 551850 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".

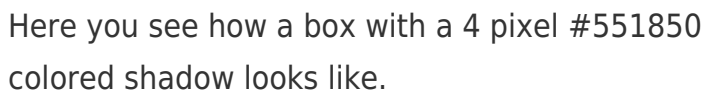
```
.border, #border, table{ border:4px solid
#551850 }
```

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

```
.border{ border-color:#551850 }
```

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

Here you see how a box with a 4 pixel #551850 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551850; -webkit-box-shadow:4px 4px  
4px 4px #551850; box-shadow:4px 4px 4px  
4px #551850 }
```

Background

The CSS property to change the background color of an element to Hex 551850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551850 }
```

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

```
.background{ background-color:#551850 }
```

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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