

Converting Colors

Hex(551B55)

Have a look what the booklet for
Hex(551B55) contains.

Hex(551B55)	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(551B55)

Conversions

Conversions Part 1

Format	Color
Hex	551B55
RGB	85, 27, 85
RGB Percent	33%, 11%, 33%
CMY	0.6667, 0.8941, 0.6667
CMYK	0.00, 0.68, 0.00, 0.67
HSL	300°, 52%, 22%
HSV	300°, 68%, 33%
XYZ	5.7779, 3.3710, 8.9405
YIQ	50.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

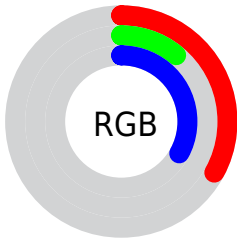
Format	Color
R_{YB}	85, 27, 85
Decimal	5577557
CIE _{Lab}	21.47, 35.08, -22.32
CIE _{LCh}	21, 41.579, 327.532
Yxy	3.3710, 0.3194, 0.1864
Android (android.graphics.Color)	4283767637 (0xFF551B55)
YUV	50.9540, 16.7847, 29.8583
Hunter-Lab	18.3604, 24.0425, -16.0186

Details

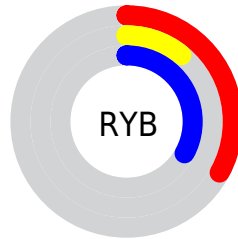
The Hex color **551B55** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1B551B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **894C87**, and **280028** is the 20% darker color. If you saturate the color by 10%, you get **551355**, and if you desaturate by 10%, it is **552455**.

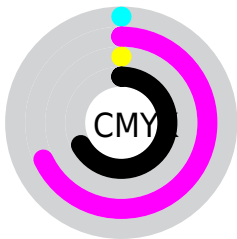
Distribution



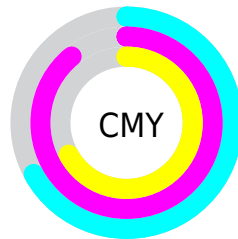
- Red (33%)
- Green (11%)
- Blue (33%)



- Red (33%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (67%)



- Cyan (67%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551B55 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 551B55 by changing the saturation by 10% instead.

 551B55

 551B55

FFFFFF

 3C013E

 894C87

 280028

 A465A1

 000111

 BF7EBC

 000000

 DC99D8

 F9B4F5

 FFD0FF

 FFEDFF

 551B55

 551B55

■ 551355

■ 552455

■ 550A55

■ 552C55

■ 550255

■ 553555

■ 550055

■ 553D55

■ 554655

■ 554E55

■ 555655

■ 555F55

■ 556755

Harmonies

Analogous

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



2A2C6B



551B55



670B37

Triad

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



551B55



433100



00414F

Complementary

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



551B55



1B551B

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.



004030



551B55



263A00

Square

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



551B55



592400



003E0F



003F67

Rectangle

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



551B55



680D23



003E0F



004145

Sweetspot

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



551B55



6E586E



1B1B55



382B38



B8B8B8



383838

Same Dimension

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



551B55



6E146E



551B38



2B272B



6B006B



EB00EB

Inverse Universe

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



551B55



6E146E



1B5538



2B272B



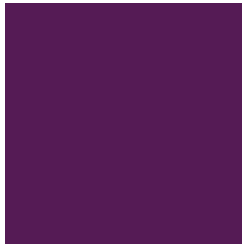
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 551B55 looks on a white background.

Color Contrast Check

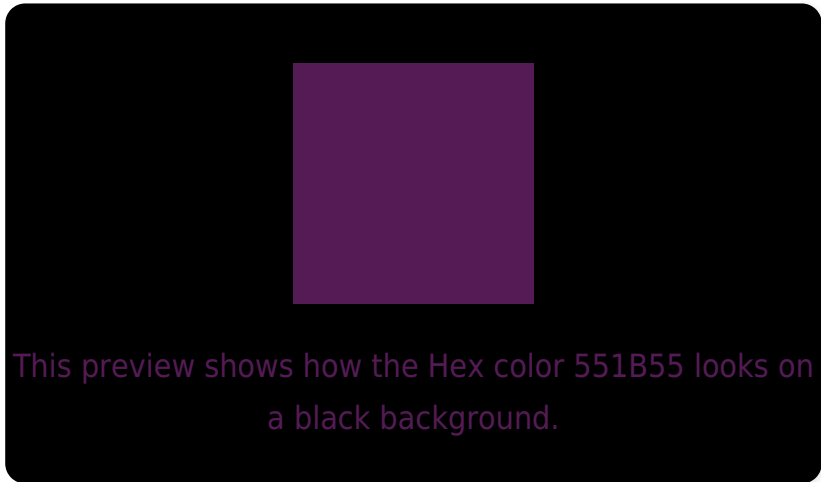
Large Text (above 18pt) WCAG AA ✓ Pass

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

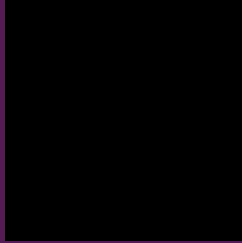
Any Text WCAG AA × Fail

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 551B55 Background



This preview shows how black text looks on a background with the Hex color 551B55.

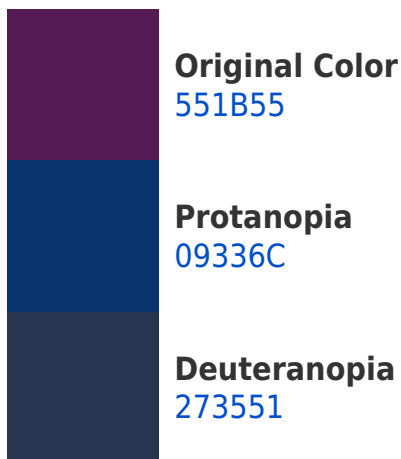


This preview shows how white text looks on a background with the Hex color 551B55.

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





Tritanopia
50282B

Trichromacy



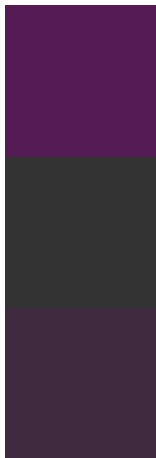
Original Color
551B55

Protanomaly
252A64

Deuteranomaly
382C52

Tritanomaly
52233A

Monochromacy



Original Color
551B55

Achromatopsia
333333

Achromatomaly
3F2A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 551B55 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 #551B55 looks like.

```
.text, #text, p{  
    color:#551B55  
}
```

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 #551B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551B55  
}
```

Border

The CSS property to change the border of an element to Hex 551B55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

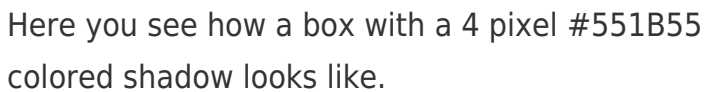
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#551B55 }
```

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

```
.border{ border-color:#551B55 }
```

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



Here you see how a box with a 4 pixel #551B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551B55; -webkit-box-shadow:4px 4px  
4px 4px #551B55; box-shadow:4px 4px 4px  
4px #551B55 }
```

Background

The CSS property to change the background color of an element to Hex 551B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551B55 }
```

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

```
.background{ background-color:#551B55 }
```

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