

Converting Colors

Hex(551A7F)

Have a look what the booklet for
Hex(551A7F) contains.

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Color

Hex(551A7F)

Conversions

Conversions Part 1

Format	Color
Hex	551A7F
RGB	85, 26, 127
RGB Percent	33%, 10%, 50%
CMY	0.6667, 0.8980, 0.5020
CMYK	0.33, 0.80, 0.00, 0.50
HSL	275°, 66%, 30%
HSV	275°, 80%, 50%
XYZ	7.9465, 4.2024, 20.4710
YIQ	55.1550, 2.7430, 43.9190

Conversions

Conversions Part 2

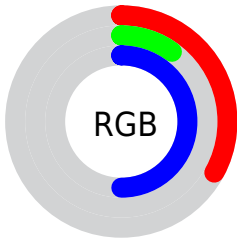
Format	Color
R_{YB}	85, 26, 127
Decimal	5577343
CIE _{Lab}	24.33, 44.80, -45.04
CIE _{LCh}	24, 63.527, 314.845
Yxy	4.2024, 0.2436, 0.1288
Android (android.graphics.Color)	4283767423 (0xFF551A7F)
YUV	55.1550, 35.4196, 26.1741
Hunter-Lab	20.4997, 33.3188, -44.8571

Details

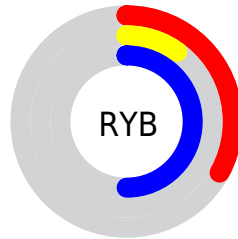
The Hex color **551A7F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **447F1A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8B4DB5**, and **21004D** is the 20% darker color. If you saturate the color by 10%, you get **500D7F**, and if you desaturate by 10%, it is **5A277F**.

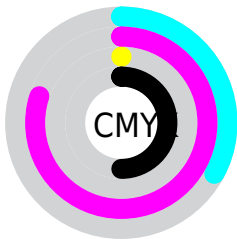
Distribution



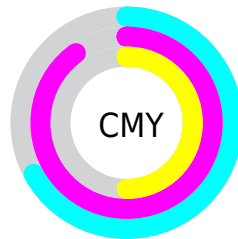
- Red (33%)
- Green (10%)
- Blue (50%)



- Red (33%)
- Yellow (10%)
- Blue (50%)



- Cyan (33%)
- Magenta (80%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551A7F 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 551A7F by changing the saturation by 10% instead.

■ 551A7F

■ 551A7F

FFFFFF

■ 3B0065

■ 8B4DB5

■ 21004D

■ A666D0

■ 000035

■ C380ED

■ 00021F

■ DF9BFF

■ 000002

■ FDB7FF

■ 000000

■ FFD3FF

■ FFEFFF

■ 551A7F

■ 551A7F

■ 500D7F

■ 5A277F

■ 4A017F

■ 60337F

■ 4A007F

■ 65407F

■ 6A4D7F

■ 6F597F

■ 75667F

■ 7A737F

■ 7F807F

■ 858C7F

Harmonies

Analogous

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



003999



551A7F



7F0054

Triad

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



551A7F



5B2F00



004C51

Complementary

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



551A7F



447F1A

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.



004A1F



551A7F



323F00

Square

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



551A7F



7A0500



004700



004C7E

Rectangle

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



551A7F



880035



004700



004B41

Sweetspot

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



551A7F



957EA6



1A447F



4A3C54



D4D4D4



545454

Same Dimension

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



551A7F



6408A6



7F1A77



3D3940



4A0080



000000

Inverse Universe

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



7F1A44



A6084A



1A7F22



40393C



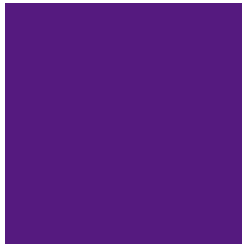
800035



000000

Previews

White Background



This preview shows how the Hex color 551A7F looks on a white background.

Color Contrast Check

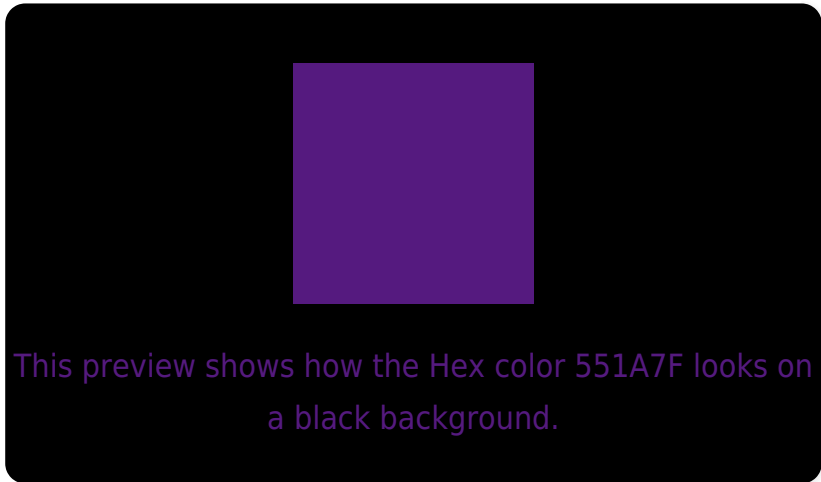
Large Text (above 18pt) WCAG AA ✓ Pass

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 551A7F Background



This preview shows how black text looks on a background with the Hex color 551A7F.

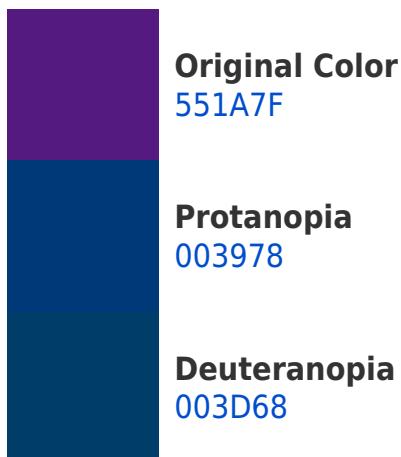


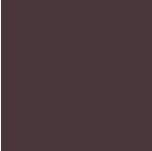
This preview shows how white text looks on a background with the Hex color 551A7F.

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
48363A

Trichromacy



Original Color
551A7F

Protanomaly
1F2E7B

Deuteranomaly
1F3070

Tritanomaly
4D2C53

Monochromacy



Original Color
551A7F

Achromatopsia
373737

Achromatomaly
422C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 551A7F 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 #551A7F looks like.

```
.text, #text, p{  
    color:#551A7F  
}
```

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 #551A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551A7F
}
```

Border

The CSS property to change the border of an element to Hex 551A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

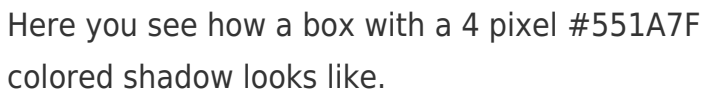
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551A7F }
```

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

```
.border{ border-color:#551A7F }
```

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



Here you see how a box with a 4 pixel #551A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551A7F; -webkit-box-shadow:4px 4px  
4px 4px #551A7F; box-shadow:4px 4px 4px  
4px #551A7F }
```

Background

The CSS property to change the background color of an element to Hex 551A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551A7F }
```

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

```
.background{ background-color:#551A7F }
```

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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