

# Converting Colors

Hex(551437)

Have a look what the booklet for  
Hex(551437) contains.

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# Color

**Hex(551437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551437
RGB	85, 20, 55
RGB Percent	33%, 8%, 22%
CMY	0.6667, 0.9216, 0.7843
CMYK	0.00, 0.76, 0.35, 0.67
HSL	328°, 62%, 21%
HSV	328°, 76%, 33%
XYZ	4.6861, 2.7074, 3.8900
YIQ	43.4250, 27.5050, 24.6650

# Conversions

## Conversions Part 2

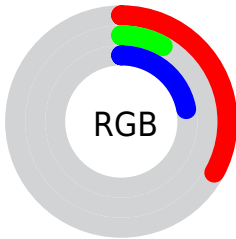
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 20, 55
Decimal	5575735
CIELab	18.83, 33.20, -5.82
CIELCh	19, 33.709, 350.065
Yxy	2.7074, 0.4153, 0.2399
Android (android.graphics.Color)	4283765815 (0xFF551437)
YUV	43.4250, 5.7065, 36.4613
Hunter-Lab	16.4543, 22.0404, -2.4990

# Details

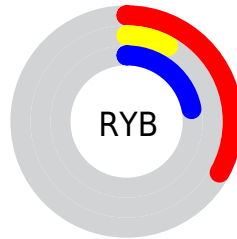
The Hex color **551437** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **145532**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **894566**, and **28000B** is the 20% darker color. If you saturate the color by 10%, you get **550B33**, and if you desaturate by 10%, it is **551C3B**.

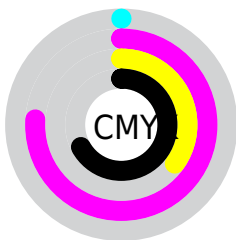
# Distribution



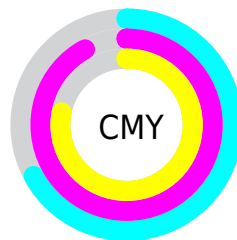
- Red (33%)
- Green (8%)
- Blue (22%)



- Red (33%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (76%)
- Yellow (35%)
- Black (67%)



- Cyan (67%)
- Magenta (92%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551437 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 551437 by changing the saturation by 10% instead.



 551437

 551437

FFFFFF

 3C0022

 894566

 28000B

 A55E7F

 000000

 C17799

 DD92B3

 FAADCF

 FFC8EB

 FFE5FF

 551437

 551437

■ 550B33

■ 551C3B

■ 55032F

■ 55253F

■ 55002E

■ 552E43

■ 553647

■ 553E4B

■ 55474F

■ 554F52

■ 555856

■ 55605A

# Harmonies

## Analogous

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



431F4E



551437



58141F

# Triad

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



551437



2B3100



003753

# Complementary

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



551437



145532

# 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.



00393E



551437



06360B

# Square

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



551437



402A00



003825



00335E

# Rectangle

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



551437



541B0F



003825



00384D



# Sweetspot

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



551437



6E5462



311455



382831



B8B8B8



383838



# Same Dimension

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



551437



6E093F



551417



2B2729



6B003A



EB007E



# Inverse Universe

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



551437



6E093F



145552



2B2729



6B003A

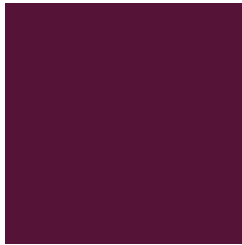


EB007E



# Previews

## White Background



This preview shows how the Hex color 551437 looks on a white background.

## Color Contrast Check

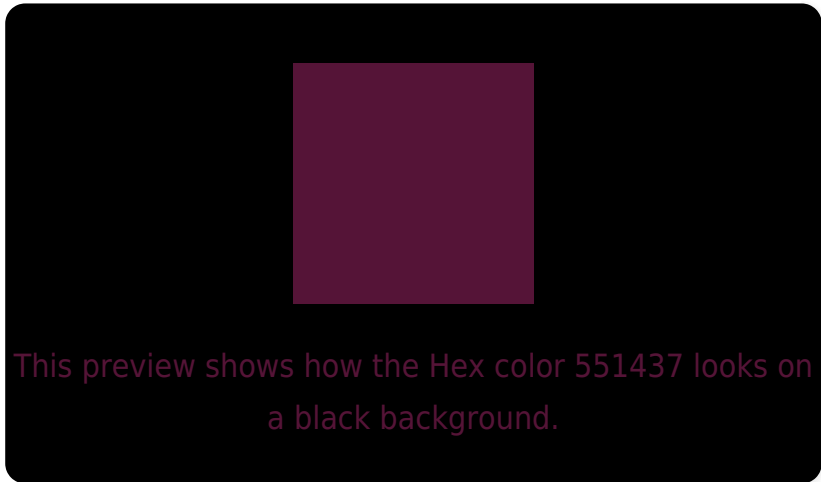
Large Text (above 18pt) WCAG AA ✓ Pass

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

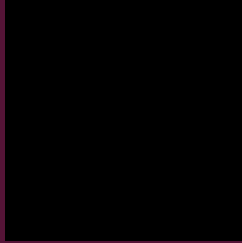
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 551437 Background



This preview shows how black text looks on a background with the Hex color 551437.



This preview shows how white text looks on a background with the Hex color 551437.

# 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**  
551437

**Protanopia**  
262F49

**Deuteranopia**  
322E34



**Tritanopia**  
531C1D

# Trichromacy



**Original Color**  
551437

**Protanomaly**  
372542

**Deuteranomaly**  
3F2535

**Tritanomaly**  
541926

# Monochromacy



**Original Color**  
551437

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3A232F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551437 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 #551437 looks like.

```
.text, #text, p{  
    color:#551437  
}
```

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 #551437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551437
}
```

## Border

The CSS property to change the border of an element to Hex 551437 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".

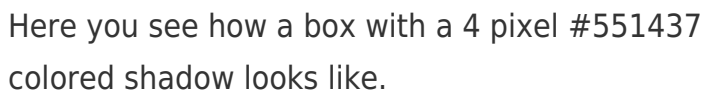
```
.border, #border, table{ border:4px solid
#551437 }
```

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

```
.border{ border-color:#551437 }
```

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

Here you see how a box with a 4 pixel #551437 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551437; -webkit-box-shadow:4px 4px  
4px 4px #551437; box-shadow:4px 4px 4px  
4px #551437 }
```

# Background

The CSS property to change the background color of an element to Hex 551437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551437 }
```

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

```
.background{ background-color:#551437 }
```

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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