

Converting Colors

Hex(550227)

Have a look what the booklet for
Hex(550227) contains.

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Color

Hex(550227)

Conversions

Conversions Part 1

Format	Color
Hex	550227
RGB	85, 2, 39
RGB Percent	33%, 1%, 15%
CMY	0.6667, 0.9922, 0.8471
CMYK	0.00, 0.98, 0.54, 0.67
HSL	333°, 95%, 17%
HSV	333°, 98%, 33%
XYZ	4.1342, 2.1212, 2.1110
YIQ	31.0350, 37.5910, 29.1030

Conversions

Conversions Part 2

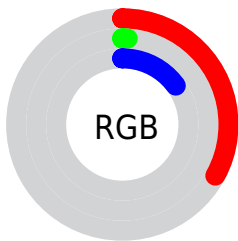
Format	Color
RYB	85, 2, 39
Decimal	5571111
CIELab	16.11, 37.43, 1.63
CIElCh	16, 37.469, 2.501
Yxy	2.1212, 0.4941, 0.2535
Android (android.graphics.Color)	4283761191 (0xFF550227)
YUV	31.0350, 3.9267, 47.3273
Hunter-Lab	14.5643, 25.1815, 1.6014

Details

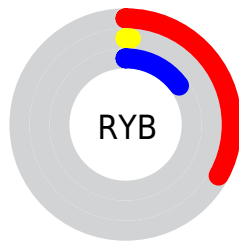
The Hex color **550227** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **025530**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **8B3954**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **550026**, and if you desaturate by 10%, it is **550B2C**.

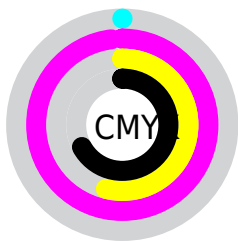
Distribution



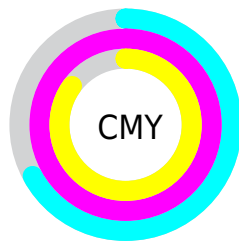
- Red (33%)
- Green (1%)
- Blue (15%)



- Red (33%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (98%)
- Yellow (54%)
- Black (67%)



- Cyan (67%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550227 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 550227 by changing the saturation by 10% instead.

 550227

 550227

 FFF6FF

 3B0012

 8B3954

 220001

 A7526C

 000000

 C36C85

 E0869F

 FEA1BA

 FFBDD6

 FFD9F2

 550227

 550227

■ 550026

■ 550B2C

■ 551330

■ 551C35

■ 55243A

■ 552D3F

■ 553543

■ 553E48

■ 55464D

■ 554E51

Harmonies

Analogous

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



490F41



550227



530C0B

Triad

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



550227



162E00



003158

Complementary

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



550227



025530

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.



003344



550227



00320D

Square

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



550227



312800



00332A



002B5E

Rectangle

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



550227



4B1800



00332A



003252

Sweetspot

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



550227



6E4E5C



300255



38242D



B8B8B8



383838

Same Dimension

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



550227



6E0031



550602



2B2729



6B0030



EB0069

Inverse Universe

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



550227



6E0031



025155



2B2729



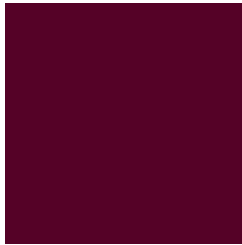
6B0030



EB0069

Previews

White Background



This preview shows how the Hex color 550227 looks on a white background.

Color Contrast Check

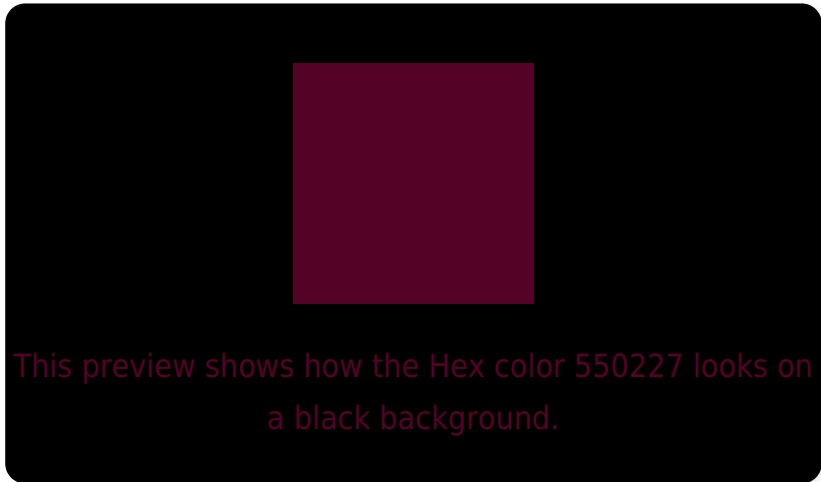
Large Text (above 18pt) WCAG AA ✓ Pass

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 550227 Background



This preview shows how black text looks on a background with the Hex color 550227.



This preview shows how white text looks on a background with the Hex color 550227.

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
550227

Protanopia
292C39

Deuteranopia
332A23



Tritanopia
54100F

Trichromacy



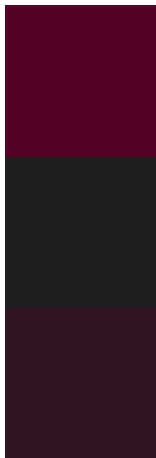
Original Color
550227

Protanomaly
391D32

Deuteranomaly
3F1B24

Tritanomaly
540B18

Monochromacy



Original Color
550227

Achromatopsia
1F1F1F

Achromatomaly
331422

CSS Examples

Text

The CSS property to change the color of the text to Hex 550227 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 #550227 looks like.

```
.text, #text, p{  
    color:#550227  
}
```

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 #550227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550227
}
```

Border

The CSS property to change the border of an element to Hex 550227 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".

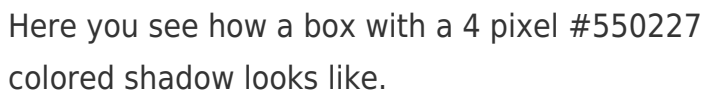
```
.border, #border, table{ border:4px solid
#550227 }
```

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

```
.border{ border-color:#550227 }
```

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

Here you see how a box with a 4 pixel #550227 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550227; -webkit-box-shadow:4px 4px  
4px 4px #550227; box-shadow:4px 4px 4px  
4px #550227 }
```

Background

The CSS property to change the background color of an element to Hex 550227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550227 }
```

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

```
.background{ background-color:#550227 }
```

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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