

Converting Colors

Hex(550041)

Have a look what the booklet for
Hex(550041) contains.

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Color

Hex(550041)

Conversions

Conversions Part 1

Format	Color
Hex	550041
RGB	85, 0, 65
RGB Percent	33%, 0%, 25%
CMY	0.6667, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.24, 0.67
HSL	314°, 100%, 17%
HSV	314°, 100%, 33%
XYZ	4.7004, 2.3129, 5.1997
YIQ	32.8250, 29.7950, 38.2350

Conversions

Conversions Part 2

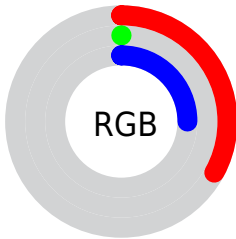
Format	Color
RYB	85, 0, 65
Decimal	5570625
CIELab	17.05, 41.07, -15.58
CIELCh	17, 43.924, 339.229
Yxy	2.3129, 0.3849, 0.1894
Android (android.graphics.Color)	4283760705 (0xFF550041)
YUV	32.8250, 15.8623, 45.7575
Hunter-Lab	15.2084, 28.5542, -9.6253

Details

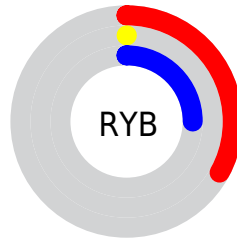
The Hex color **550041** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005514**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8A3A71**, and **250016** is the 20% darker color. If you saturate the color by 10%, you get **550041**, and if you desaturate by 10%, it is **550843**.

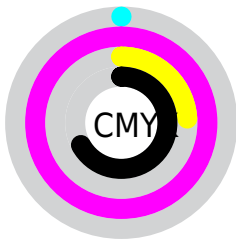
Distribution



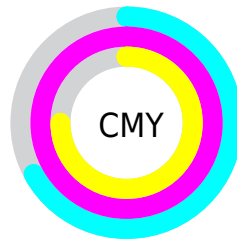
- Red (33%)
- Green (0%)
- Blue (25%)



- Red (33%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550041 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 550041 by changing the saturation by 10% instead.

 550041

 550041

 FFF7FF

 3C002B

 8A3A71

 250016

 A5538B

 000000

 C16DA5

 DE87C0

 FBA2DC

 FFB EF9

 FFD AFF

 550041

■ 550843

■ 551145

■ 551947

■ 552249

■ 552A4B

■ 55334D

■ 553B4F

■ 554451

■ 554C53

Harmonies

Analogous

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



341C5B



550041



5F0022

Triad

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



550041



2C2C00



003652

Complementary

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



550041



005514

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.



003733



550041



053200

Square

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



550041



462000



003512



003366

Rectangle

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



550041



5C000C



003512



003748

Sweetspot

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



550041



6E4D66



140055



382433



B8B8B8



383838

Same Dimension

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



550041



6E0054



550017



2B272A



6B0052



EB00B3

Inverse Universe

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



550041



6E0054



00553E



2B272A



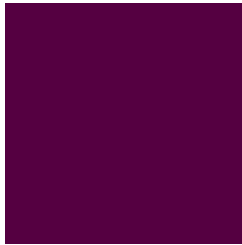
6B0052



EB00B3

Previews

White Background



This preview shows how the Hex color 550041 looks on a white background.

Color Contrast Check

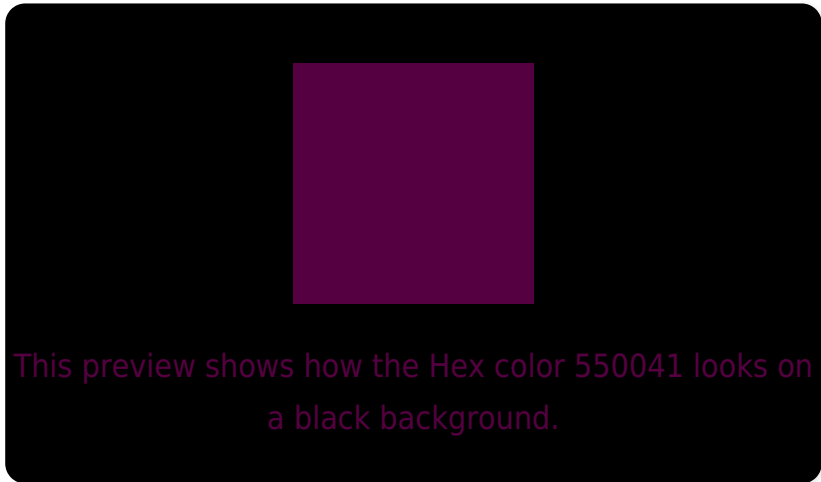
Large Text (above 18pt) WCAG AA ✓ Pass

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

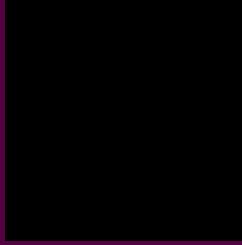
Any Text WCAG AA × Fail

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 550041 Background



This preview shows how black text looks on a background with the Hex color 550041.



This preview shows how white text looks on a background with the Hex color 550041.

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
550041

Protanopia
0E2D5C

Deuteranopia
2B2D3D



Tritanopia
521A1B

Trichromacy



Original Color
550041

Protanomaly
281D52

Deuteranomaly
3A1D3E

Tritanomaly
531129

Monochromacy



Original Color
550041

Achromatopsia
212121

Achromatomaly
34152D

CSS Examples

Text

The CSS property to change the color of the text to Hex 550041 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 #550041 looks like.

```
.text, #text, p{  
    color:#550041  
}
```

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 #550041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550041
}
```

Border

The CSS property to change the border of an element to Hex 550041 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".

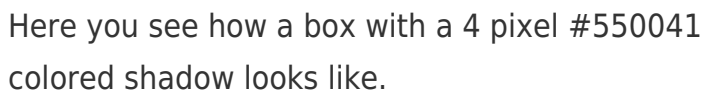
```
.border, #border, table{ border:4px solid
#550041 }
```

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

```
.border{ border-color:#550041 }
```

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

Here you see how a box with a 4 pixel #550041 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550041; -webkit-box-shadow:4px 4px  
4px 4px #550041; box-shadow:4px 4px 4px  
4px #550041 }
```

Background

The CSS property to change the background color of an element to Hex 550041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550041 }
```

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

```
.background{ background-color:#550041 }
```

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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