

Converting Colors

Hex(550A03)

Have a look what the booklet for
Hex(550A03) contains.

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Color

Hex(550A03)

Conversions

Conversions Part 1

Format	Color
Hex	550A03
RGB	85, 10, 3
RGB Percent	33%, 4%, 1%
CMY	0.6667, 0.9608, 0.9882
CMYK	0.00, 0.88, 0.96, 0.67
HSL	5°, 93%, 17%
HSV	5°, 96%, 33%
XYZ	3.8713, 2.1550, 0.2981
YIQ	31.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

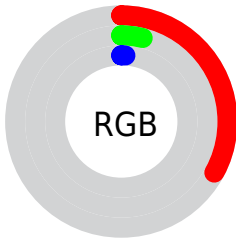
Format	Color
RYB	85, 11, 3
Decimal	5573123
CIELab	16.28, 32.89, 23.81
CIElCh	16, 40.604, 35.895
Yxy	2.1550, 0.6121, 0.3407
Android (android.graphics.Color)	4283763203 (0xFF550A03)
YUV	31.6270, -14.1131, 46.8081
Hunter-Lab	14.6798, 21.3838, 9.0720

Details

The Hex color **550A03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **034E55**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **8C3D31**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **550700**, and if you desaturate by 10%, it is **55120C**.

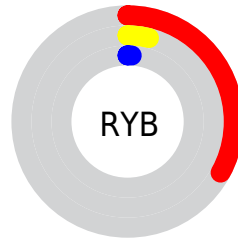
Distribution



Red (33%)

Green (4%)

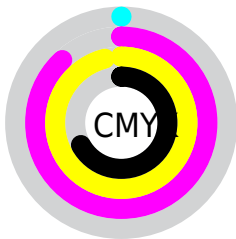
Blue (1%)



Red (33%)

Yellow (4%)

Blue (1%)

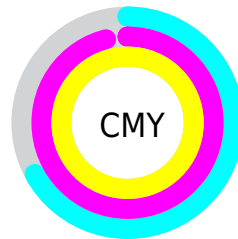


Cyan (0%)

Magenta (88%)

Yellow (96%)

Black (67%)



Cyan (67%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550A03 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 550A03 by changing the saturation by 10% instead.

 550A03

 550A03

 FFF8E4

 3A0000

 8C3D31

 1E0001

 A95648

 000000

 C66F5F

 E48978

 FFA492

 FFBFAD

 FFDBC8

 550A03

 550A03

■ 550700

■ 55120C

■ 551A14

■ 55211D

■ 552925

■ 55312E

■ 553936

■ 55403F

■ 554847

■ 55504F

Harmonies

Analogous

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



590024



550A03



451D00

Triad

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



550A03



00330E



002B63

Complementary

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



550A03



034E55

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.



00325E



550A03



00342E

Square

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



550A03



0F3000



00344A



2D1D58

Rectangle

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



550A03



362600



00344A



002E63

Sweetspot

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



550A03



6E514E



55034E



382624



B8B8B8



383838

Same Dimension

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



550A03



6E0900



553303



2B2727



6B0900



EB1400

Inverse Universe

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



034E55



00646E



032555



272B2B



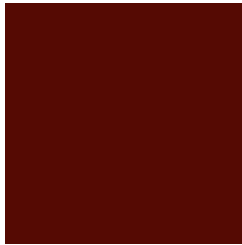
00626B



00D7EB

Previews

White Background



This preview shows how the Hex color 550A03 looks on a white background.

Color Contrast Check

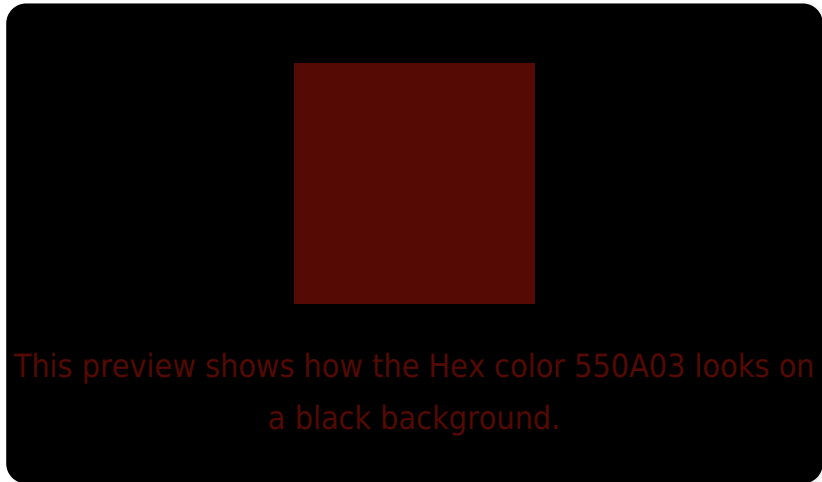
Large Text (above 18pt) WCAG AA ✓ Pass

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

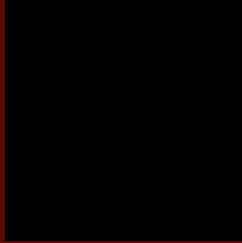
Any Text WCAG AA × Fail

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 550A03 Background



This preview shows how black text looks on a background with the Hex color 550A03.

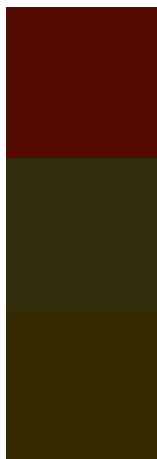


This preview shows how white text looks on a background with the Hex color 550A03.

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
550A03

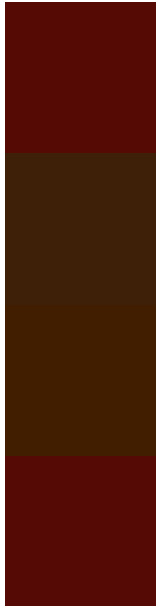
Protanopia
312C0B

Deuteranopia
372900



Tritanopia
550A07

Trichromacy



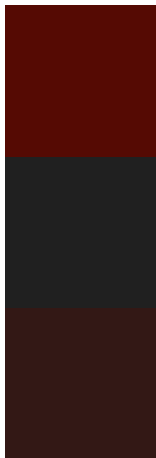
Original Color
550A03

Protanomaly
3E2008

Deuteranomaly
421E01

Tritanomaly
550A06

Monochromacy



Original Color
550A03

Achromatopsia
202020

Achromatomaly
331815

CSS Examples

Text

The CSS property to change the color of the text to Hex 550A03 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 #550A03 looks like.

```
.text, #text, p{  
    color:#550A03  
}
```

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 #550A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550A03
}
```

Border

The CSS property to change the border of an element to Hex 550A03 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".

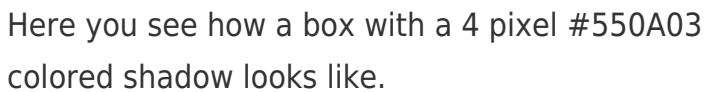
```
.border, #border, table{ border:4px solid
#550A03 }
```

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

```
.border{ border-color:#550A03 }
```

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

Here you see how a box with a 4 pixel #550A03 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #550A03 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550A03; -webkit-box-shadow:4px 4px  
4px 4px #550A03; box-shadow:4px 4px 4px  
4px #550A03 }
```

Background

The CSS property to change the background color of an element to Hex 550A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550A03 }
```

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

```
.background{ background-color:#550A03 }
```

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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