

Converting Colors

Hex(550A2A)

Have a look what the booklet for
Hex(550A2A) contains.

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Color

Hex(550A2A)

Conversions

Conversions Part 1

Format	Color
Hex	550A2A
RGB	85, 10, 42
RGB Percent	33%, 4%, 16%
CMY	0.6667, 0.9608, 0.8353
CMYK	0.00, 0.88, 0.51, 0.67
HSL	334°, 79%, 19%
HSV	334°, 88%, 33%
XYZ	4.2728, 2.3155, 2.4122
YIQ	36.0730, 34.4280, 25.8520

Conversions

Conversions Part 2

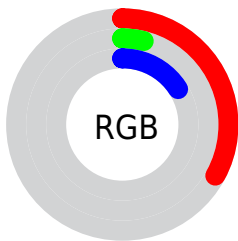
Format	Color
RYB	85, 10, 42
Decimal	5573162
CIELab	17.06, 35.27, 0.83
CIElCh	17, 35.281, 1.354
Yxy	2.3155, 0.4747, 0.2573
Android (android.graphics.Color)	4283763242 (0xFF550A2A)
YUV	36.0730, 2.9220, 42.9090
Hunter-Lab	15.2169, 23.4916, 1.2530




Details

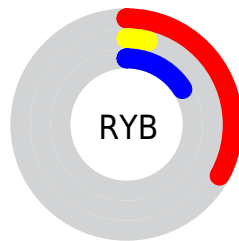
The Hex color **550A2A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A5535**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **8A3E57**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **550225**, and if you desaturate by 10%, it is **55132F**.

Distribution







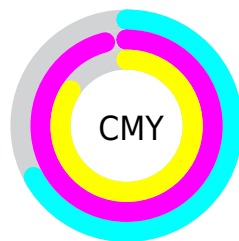
-  Red (33%)
-  Green (4%)
-  Blue (16%)






-  Red (33%)
-  Yellow (4%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (88%)
-  Yellow (51%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (96%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550A2A 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 550A2A by changing the saturation by 10% instead.

 550A2A

 550A2A

 FFFAFF

 3B0016

 8A3E57

 240001

 A6576F

 000000

 C27089

 DF8BA3

 FDA6BE

 FFC1DA

 FFDDF6

 550A2A

 550A2A

■ 550225

■ 55132F

■ 550024

■ 551B34

■ 552439

■ 552C3D

■ 553542

■ 553D47

■ 55464C

■ 554E51

■ 555656

Harmonies

Analogous

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



481543



550A2A



531211

Triad

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



550A2A



1C3000



003356

Complementary

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



550A2A



0A5535

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.



003544



550A2A



003310

Square

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



550A2A



342900



00352A



002D5D

Rectangle

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



550A2A



4D1B00



00352A



003451

Sweetspot

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



550A2A



6E515D



340A55



38272E



B8B8B8



383838

Same Dimension

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



550A2A



6E002F



550F0A



2B2729



6B002E



EB0064

Inverse Universe

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



550A2A



6E002F



0A5055



2B2729



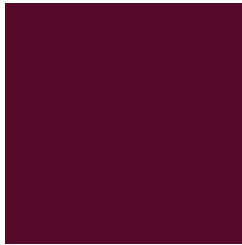
6B002E



EB0064

Previews

White Background



This preview shows how the Hex color 550A2A looks on a white background.

Color Contrast Check

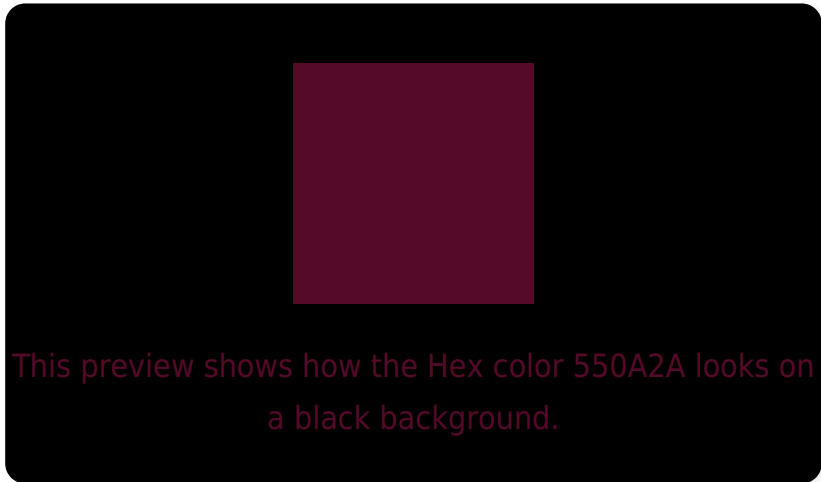
Large Text (above 18pt) WCAG AA ✓ Pass

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

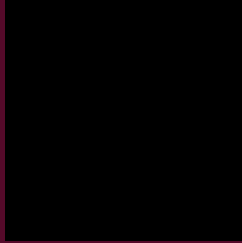
Any Text WCAG AA × Fail

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 550A2A Background



This preview shows how black text looks on a background with the Hex color 550A2A.



This preview shows how white text looks on a background with the Hex color 550A2A.

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
550A2A

Protanopia
282C3C

Deuteranopia
332B27



Tritanopia
541313

Trichromacy



Original Color
550A2A

Protanomaly
382035

Deuteranomaly
3F1F28

Tritanomaly
54101B

Monochromacy



Original Color
550A2A

Achromatopsia
242424

Achromatomaly
361B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 550A2A 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 #550A2A looks like.

```
.text, #text, p{  
    color:#550A2A  
}
```

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 #550A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550A2A
}
```

Border

The CSS property to change the border of an element to Hex 550A2A 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".

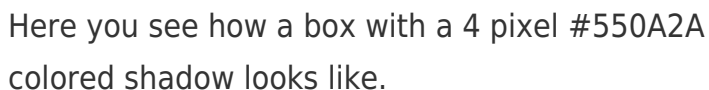
```
.border, #border, table{ border:4px solid
#550A2A }
```

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

```
.border{ border-color:#550A2A }
```

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

Here you see how a box with a 4 pixel #550A2A 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550A2A; -webkit-box-shadow:4px 4px  
4px 4px #550A2A; box-shadow:4px 4px 4px  
4px #550A2A }
```

Background

The CSS property to change the background color of an element to Hex 550A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550A2A }
```

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

```
.background{ background-color:#550A2A }
```

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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