

# Converting Colors

Hex(95052A)

Have a look what the booklet for  
Hex(95052A) contains.

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# Color

**Hex(95052A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95052A
RGB	149, 5, 42
RGB Percent	58%, 2%, 16%
CMY	0.4157, 0.9804, 0.8353
CMYK	0.00, 0.97, 0.72, 0.42
HSL	345°, 94%, 30%
HSV	345°, 97%, 58%
XYZ	12.8666, 6.6653, 2.7989
YIQ	52.2740, 73.9470, 42.0350

# Conversions

## Conversions Part 2

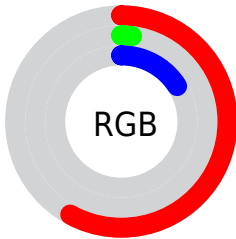
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 5, 42
Decimal	9766186
CIE <sub>Lab</sub>	31.03, 54.01, 22.07
CIE <sub>LCh</sub>	31, 58.339, 22.224
Yxy	6.6653, 0.5762, 0.2985
Android (android.graphics.Color)	4287956266 (0xFF95052A)
YUV	52.2740, -5.0651, 84.8287
Hunter-Lab	25.8172, 43.7797, 11.6443

# Details

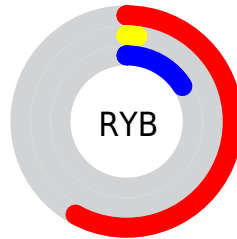
The Hex color **95052A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **059570**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D24B57**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **950026**, and if you desaturate by 10%, it is **951435**.

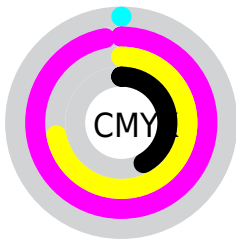
# Distribution



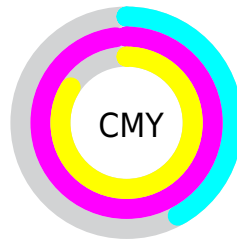
- Red (58%)
- Green (2%)
- Blue (16%)



- Red (58%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (97%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (98%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95052A 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 95052A by changing the saturation by 10% instead.



 95052A

 95052A

FFFFFF

 770016

 D24B57

 5A0000

 F0666F

 3F0002

 FF8289

 1D0001

 FF9DA3

 000000

 FFBABE

 FFD6DA

 FFF4F6

 95052A

 95052A

■ 950026

■ 951435

■ 952340

■ 95324B

■ 954156

■ 955061

■ 955E6C

■ 956D78

■ 957C83

■ 958B8E

# Harmonies

## Analogous

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



920057



95052A



842C00

# Triad

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



95052A



005805



0053A5

# Complementary

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



95052A



059570

# 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.



005A91



95052A



005B3B

# Square

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



95052A



3A5100



005C6B



1A429F

# Rectangle

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



95052A



703D00



005C6B



0056A1



# Sweetspot

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



95052A



C28A98



6F0595



613F48



E0E0E0



616161



# Same Dimension

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



95052A



C20032



952705



4A4344



8A0023



0A0003



# Inverse Universe

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



95052A



C20032



057395



4A4344



8A0023

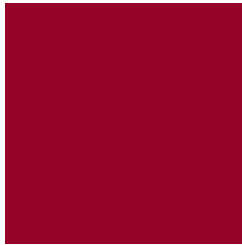


0A0003



# Previews

## White Background



This preview shows how the Hex color 95052A looks on a white background.

## Color Contrast Check

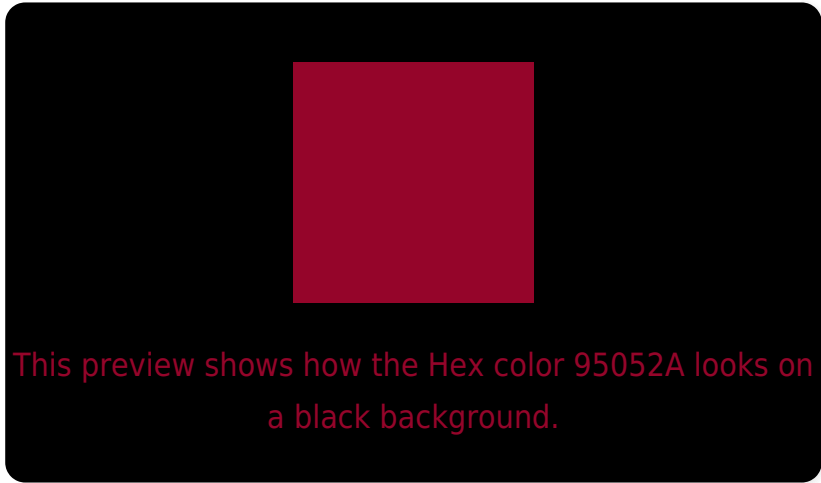
Large Text (above 18pt) WCAG AA ✓ Pass

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 95052A Background



This preview shows how black text looks on a background with the Hex color 95052A.



This preview shows how white text looks on a background with the Hex color 95052A.

# 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**  
95052A

**Protanopia**  
504C3F

**Deuteranopia**  
5E4822



**Tritanopia**  
94120E

# Trichromacy



**Original Color**  
95052A

**Protanomaly**  
693237

**Deuteranomaly**  
723025

**Tritanomaly**  
940D18

# Monochromacy



**Original Color**  
95052A

**Achromatopsia**  
343434

**Achromatomaly**  
572330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95052A 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 #95052A looks like.

```
.text, #text, p{  
    color:#95052A  
}
```

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 #95052A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95052A
}
```

## Border

The CSS property to change the border of an element to Hex 95052A is called "border". The border property can be set on classes, ids or directly on the HTML element.

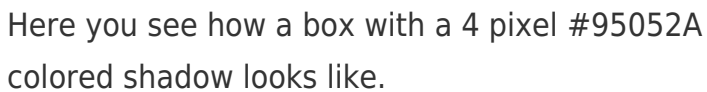
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95052A }
```

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

```
.border{ border-color:#95052A }
```

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



Here you see how a box with a 4 pixel #95052A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95052A; -webkit-box-shadow:4px 4px  
4px 4px #95052A; box-shadow:4px 4px 4px  
4px #95052A }
```

# Background

The CSS property to change the background color of an element to Hex 95052A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95052A }
```

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

```
.background{ background-color:#95052A }
```

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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