

Converting Colors

Hex(950A44)

Have a look what the booklet for
Hex(950A44) contains.

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Color

Hex(950A44)

Conversions

Conversions Part 1

Format	Color
Hex	950A44
RGB	149, 10, 68
RGB Percent	58%, 4%, 27%
CMY	0.4157, 0.9608, 0.7333
CMYK	0.00, 0.93, 0.54, 0.42
HSL	335°, 87%, 31%
HSV	335°, 93%, 58%
XYZ	13.5464, 7.0240, 6.1106
YIQ	58.1730, 64.2260, 47.5060

Conversions

Conversions Part 2

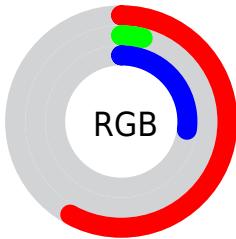
Format	Color
R_{YB}	149, 10, 68
Decimal	9767492
CIE Lab	31.86, 54.88, 5.95
CIE LCh	32, 55.197, 6.186
Yxy	7.0240, 0.5077, 0.2633
Android (android.graphics.Color)	4287957572 (0xFF950A44)
YUV	58.1730, 4.8447, 79.6553
Hunter-Lab	26.5028, 44.8565, 4.8818

Details

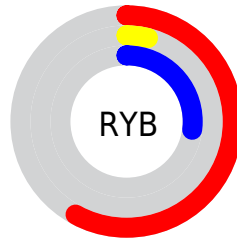
The Hex color **950A44** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0A955B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D04D74**, and **5B001A** is the 20% darker color. If you saturate the color by 10%, you get **95003E**, and if you desaturate by 10%, it is **95194D**.

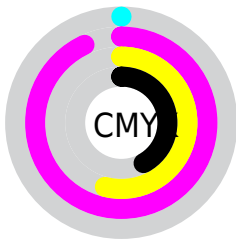
Distribution



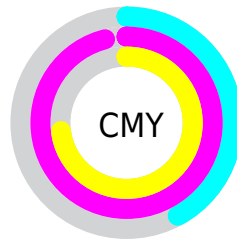
- Red (58%)
- Green (4%)
- Blue (27%)



- Red (58%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (54%)
- Black (42%)



- Cyan (42%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 950A44 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 950A44 by changing the saturation by 10% instead.

 950A44

 950A44

FFFFFF

 78002E

 D04D74

 5B001A

 EE698D

 410002

 FF84A8

 220001

 FFA0C3

 000000

 FFBDDF

 FFD9FB

 FFF7FF

 950A44

 950A44

■ 95003E

■ 95194D

■ 952855

■ 95375E

■ 954667

■ 95556F

■ 956378

■ 957281

■ 958189

■ 959092

Harmonies

Analogous

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



841F6F



950A44



8E221A

Triad

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



950A44



245600



00599B

Complementary

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



950A44



0A955B

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.



005D7E



950A44



005B25

Square

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



950A44



554C00



005D53



004EA2

Rectangle

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



950A44



803400



005D53



005B93

Sweetspot

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



950A44



C28CA2



590A95



61404E



E0E0E0



616161

Same Dimension

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



950A44



C20051



95130A



4A4346



8A0039



0A0004

Inverse Universe

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



950A44



C20051



0A8C95



4A4346



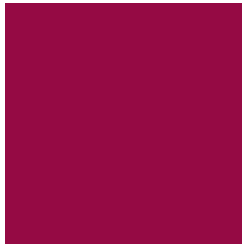
8A0039



0A0004

Previews

White Background



This preview shows how the Hex color 950A44 looks on a white background.

Color Contrast Check

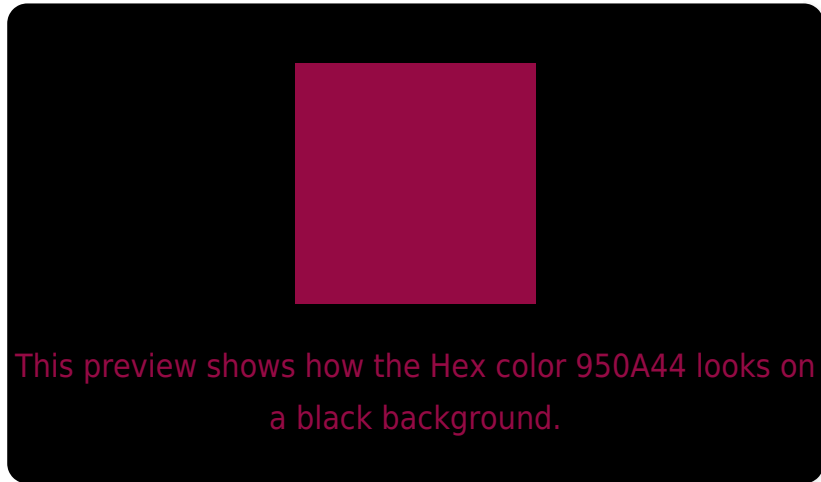
Large Text (above 18pt) WCAG AA ✓ Pass

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 950A44 Background



This preview shows how black text looks on a background with the Hex color 950A44.

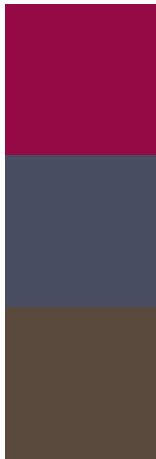


This preview shows how white text looks on a background with the Hex color 950A44.

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
950A44

Protanopia
484D62

Deuteranopia
5A4A3E

Trichromacy



Original Color
950A44

Protanomaly
643557

Deuteranomaly
6F3340

Tritanomaly
94152B

Monochromacy



Original Color
950A44

Achromatopsia
3A3A3A

Achromatomaly
5B293E

CSS Examples

Text

The CSS property to change the color of the text to Hex 950A44 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 #950A44 looks like.

```
.text, #text, p{  
    color:#950A44  
}
```

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 #950A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950A44
}
```

Border

The CSS property to change the border of an element to Hex 950A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

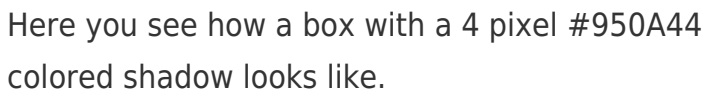
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#950A44 }
```

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

```
.border{ border-color:#950A44 }
```

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



Here you see how a box with a 4 pixel #950A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950A44; -webkit-box-shadow:4px 4px  
4px 4px #950A44; box-shadow:4px 4px 4px  
4px #950A44 }
```

Background

The CSS property to change the background color of an element to Hex 950A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950A44 }
```

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

```
.background{ background-color:#950A44 }
```

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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