

Converting Colors

Hex(954AA2)

Have a look what the booklet for
Hex(954AA2) contains.

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Color

Hex(954AA2)

Conversions

Conversions Part 1

Format	Color
Hex	954AA2
RGB	149, 74, 162
RGB Percent	58%, 29%, 64%
CMY	0.4157, 0.7098, 0.3647
CMYK	0.08, 0.54, 0.00, 0.36
HSL	291°, 37%, 46%
HSV	291°, 54%, 64%
XYZ	21.3648, 13.8958, 35.7385
YIQ	106.4570, 16.4520, 43.2680

Conversions

Conversions Part 2

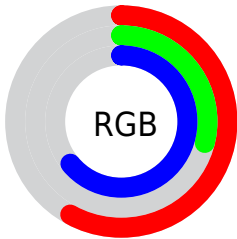
Format	Color
R_{YB}	149, 74, 162
Decimal	9783970
CIE _{Lab}	44.08, 45.03, -34.37
CIE _{LCh}	44, 56.650, 322.649
Yxy	13.8958, 0.3009, 0.1957
Android (android.graphics.Color)	4287974050 (0xFF954AA2)
YUV	106.4570, 27.3827, 37.3102
Hunter-Lab	37.2770, 37.0700, -30.7491

Details

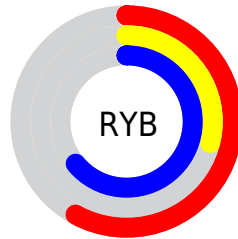
The Hex color **954AA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57A24A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **CD7ED9**, and **60156E** is the 20% darker color. If you saturate the color by 10%, you get **933AA2**, and if you desaturate by 10%, it is **975AA2**.

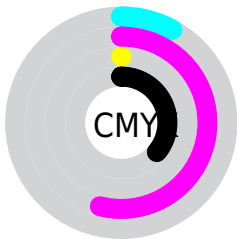
Distribution



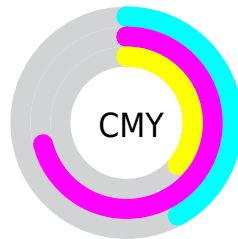
- Red (58%)
- Green (29%)
- Blue (64%)



- Red (58%)
- Yellow (29%)
- Blue (64%)



- Cyan (8%)
- Magenta (54%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 954AA2 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 954AA2 by changing the saturation by 10% instead.

954AA2

954AA2

FFFFFF

7A3087

CD7ED9

60156E

EA99F6

460055

FFB4FF

2E003D

FFD0FF

120027

FFEDFF

000110

000000

954AA2

954AA2

933AA2

975AA2

902AA2

9A6AA2

8E19A2

9C7BA2

8B09A2

9F8BA2

8A00A2

A19BA2

A3ABA2

A6BBA2

A8CCA2

ABDCA2

Harmonies

Analogous

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



4D61C0



954AA2



B63776

Triad

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



954AA2



876200



007D8B

Complementary

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



954AA2



57A24A

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.



007D5B



954AA2



5C7000

Square

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



954AA2



A94E1B



10792A



007AB3

Rectangle

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



954AA2



BB3656



10792A



007E7B

Sweetspot

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



954AA2



CFB2D4



4A57A2



68576B



EBEBEB



6B6B6B

Same Dimension

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



954AA2



BF4AD4



A24A83



504952



7C0091



0F0012

Inverse Universe

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



A24A57



D44A5E



4AA269



52494B



910015



120003

Previews

White Background



This preview shows how the Hex color 954AA2 looks on a white background.

Color Contrast Check

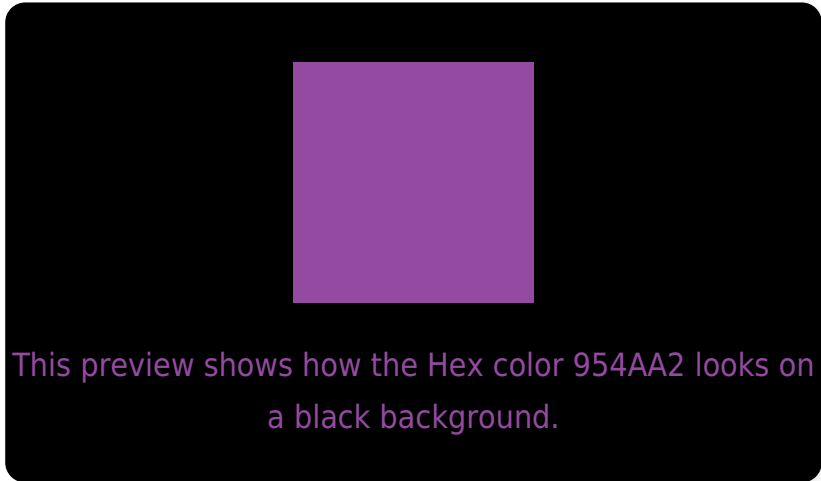
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

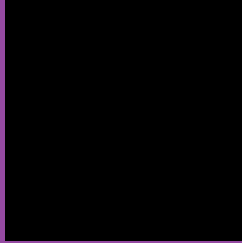
Any Text WCAG AA × Fail

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 954AA2 Background



This preview shows how black text looks on a background with the Hex color 954AA2.



This preview shows how white text looks on a background with the Hex color 954AA2.

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





Tritanopia
8C5B61

Trichromacy



Original Color
954AA2



Protanomaly
5F5CB2



Deuteranomaly
6A5D9F



Tritanomaly
8F5579

Monochromacy



Original Color
954AA2



Achromatopsia
6A6A6A



Achromatomaly
7A5E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 954AA2 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 #954AA2 looks like.

```
.text, #text, p{  
    color:#954AA2  
}
```

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 #954AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954AA2
}
```

Border

The CSS property to change the border of an element to Hex 954AA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

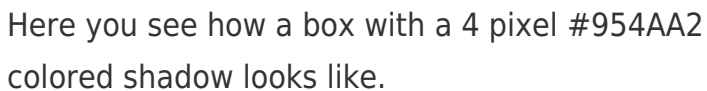
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#954AA2 }
```

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

```
.border{ border-color:#954AA2 }
```

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



Here you see how a box with a 4 pixel #954AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954AA2; -webkit-box-shadow:4px 4px  
4px 4px #954AA2; box-shadow:4px 4px 4px  
4px #954AA2 }
```

Background

The CSS property to change the background color of an element to Hex 954AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954AA2 }
```

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

```
.background{ background-color:#954AA2 }
```

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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