

Converting Colors

Hex(9A0452)

Have a look what the booklet for
Hex(9A0452) contains.

Hex(9A0452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A0452)

Conversions

Conversions Part 1

Format	Color
Hex	9A0452
RGB	154, 4, 82
RGB Percent	60%, 2%, 32%
CMY	0.3961, 0.9843, 0.6784
CMYK	0.00, 0.97, 0.47, 0.40
HSL	329°, 95%, 31%
HSV	329°, 97%, 60%
XYZ	14.8928, 7.5661, 8.6581
YIQ	57.7420, 64.3620, 56.0580

Conversions

Conversions Part 2

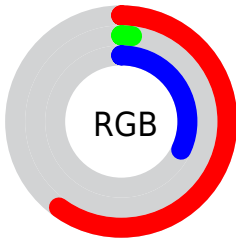
Format	Color
R_{YB}	154, 4, 82
Decimal	10093650
CIE _{Lab}	33.06, 58.08, -1.41
CIE _{LCh}	33, 58.098, 358.606
Yxy	7.5661, 0.4786, 0.2431
Android (android.graphics.Color)	4288283730 (0xFF9A0452)
YUV	57.7420, 11.9592, 84.4183
Hunter-Lab	27.5065, 48.5090, 0.5920

Details

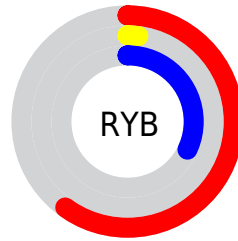
The Hex color **9A0452** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **049A4C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D54D83**, and **610026** is the 20% darker color. If you saturate the color by 10%, you get **9A0050**, and if you desaturate by 10%, it is **9A1359**.

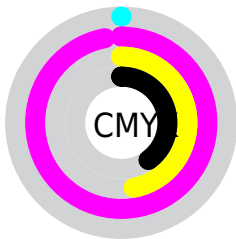
Distribution



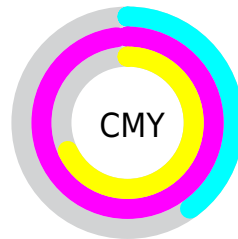
- Red (60%)
- Green (2%)
- Blue (32%)



- Red (60%)
- Yellow (2%)
- Blue (32%)



- Cyan (0%)
- Magenta (97%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (98%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A0452 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 9A0452 by changing the saturation by 10% instead.

 9A0452

 9A0452

FFFFFF

 7D003B

 D54D83

 610026

 F3699D

 460011

 FF85B8

 290001

 FFA1D4

 000000

 FFBDF0

 FFDAFF

 FFF8FF

 9A0452

 9A0452

■ 9A0050

■ 9A1359

■ 9A2361

■ 9A3268

■ 9A4270

■ 9A5177

■ 9A607E

■ 9A7086

■ 9A7F8D

■ 9A8F95

Harmonies

Analogous

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



81267E



9A0452



991925

Triad

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



9A0452



345800



005E9C

Complementary

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



9A0452



049A4C

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.



006179



9A0452



005E19

Square

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



9A0452



624B00



00614A



0055AB

Rectangle

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



9A0452



8C2E04



00614A



005F93

Sweetspot

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



9A0452



C98FAD



4A049A



664255



E6E6E6



666666

Same Dimension

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



9A0452



C90069



9A0409



4D4549



8C0049



0D0007

Inverse Universe

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



9A0452



C90069



049A95



4D4549



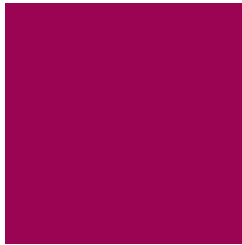
8C0049



0D0007

Previews

White Background



This preview shows how the Hex color 9A0452 looks on a white background.

Color Contrast Check

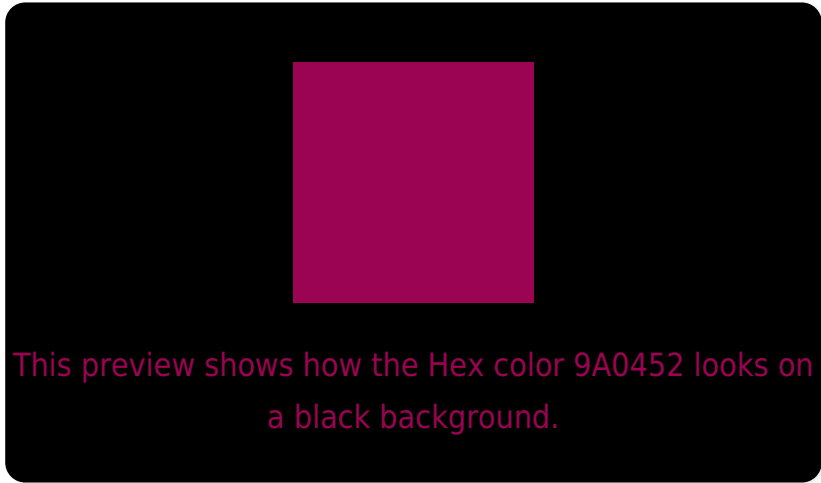
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A0452 Background



This preview shows how black text looks on a background with the Hex color 9A0452.



This preview shows how white text looks on a background with the Hex color 9A0452.

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
9A0452

Protanopia
444F76

Deuteranopia
5A4E4C



Tritanopia
982121

Trichromacy



Original Color
9A0452

Protanomaly
633469

Deuteranomaly
71334E

Tritanomaly
991633

Monochromacy



Original Color
9A0452

Achromatopsia
3A3A3A

Achromatomaly
5D2643

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A0452 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 #9A0452 looks like.

```
.text, #text, p{  
    color:#9A0452  
}
```

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 #9A0452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A0452
}
```

Border

The CSS property to change the border of an element to Hex 9A0452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

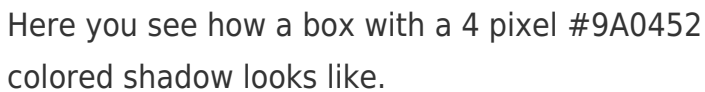
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A0452 }
```

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

```
.border{ border-color:#9A0452 }
```

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



Here you see how a box with a 4 pixel #9A0452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A0452; -webkit-box-shadow:4px 4px  
4px 4px #9A0452; box-shadow:4px 4px 4px  
4px #9A0452 }
```

Background

The CSS property to change the background color of an element to Hex 9A0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A0452 }
```

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

```
.background{ background-color:#9A0452 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor