

Converting Colors

Hex(9A0052)

Have a look what the booklet for
Hex(9A0052) contains.

Hex(9A0052)	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(9A0052)

Conversions

Conversions Part 1

Format	Color
Hex	9A0052
RGB	154, 0, 82
RGB Percent	60%, 0%, 32%
CMY	0.3961, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.47, 0.40
HSL	328°, 100%, 30%
HSV	328°, 100%, 60%
XYZ	14.8494, 7.4792, 8.6436
YIQ	55.3940, 65.4620, 58.1500

Conversions

Conversions Part 2

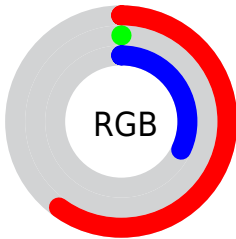
Format	Color
R_{YB}	154, 0, 82
Decimal	10092626
CIE _{Lab}	32.87, 58.63, -1.69
CIE _{LCh}	33, 58.655, 358.348
Yxy	7.4792, 0.4794, 0.2415
Android (android.graphics.Color)	4288282706 (0xFF9A0052)
YUV	55.3940, 13.1168, 86.4775
Hunter-Lab	27.3482, 49.0621, 0.4046

Details

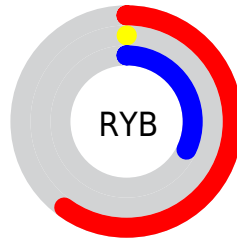
The Hex color **9A0052** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009A48**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **D54C83**, and **610026** is the 20% darker color. If you saturate the color by 10%, you get **9A0052**, and if you desaturate by 10%, it is **9A0F59**.

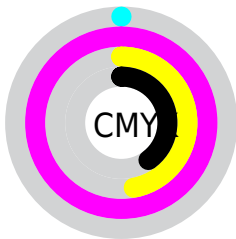
Distribution



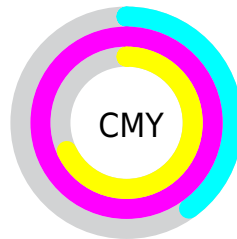
- Red (60%)
- Green (0%)
- Blue (32%)



- Red (60%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A0052 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 9A0052 by changing the saturation by 10% instead.

 9A0052

 9A0052

FFFFFF

 7D003B

 D54C83

 610026

 F3689D

 460011

 FF84B8

 290001

 FFA0D4

 000000

 FFBCF0

 FFD9FF

 FFF7FF

 9A0052

 9A0F59

 9A1F60

 9A2E68

 9A3E6F

 9A4D76

 9A5C7D

 9A6C84

 9A7B8C

 9A8B93

Harmonies

Analogous

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



81257F



9A0052



991725

Triad

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



9A0052



345700



005E9D

Complementary

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



9A0052



009A48

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.



006178



9A0052



005D17

Square

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



9A0052



624B00



006049



0054AB

Rectangle

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



9A0052



8C2D03



006049



005F92

Sweetspot

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



9A0052



C98DAD



48009A



664155



E6E6E6



666666

Same Dimension

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



9A0052



C9006B



9A0005



4D4549



8C004B



0D0007

Inverse Universe

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



9A0052



C9006B



009A95



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 9A0052 looks on a white background.

Color Contrast Check

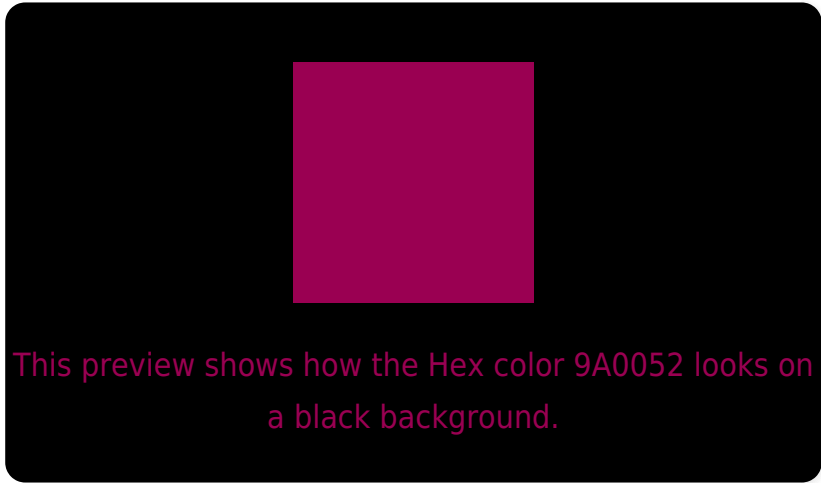
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A0052 Background



This preview shows how black text looks on a background with the Hex color 9A0052.

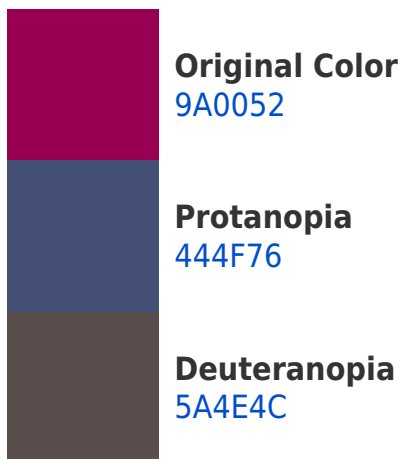



This preview shows how white text looks on a background with the Hex color 9A0052.

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
982121

Trichromacy



Original Color
9A0052

Protanomaly
633269

Deuteranomaly
71324E

Tritanomaly
991533

Monochromacy



Original Color
9A0052

Achromatopsia
373737

Achromatomaly
5B2341

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A0052 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 #9A0052 looks like.

```
.text, #text, p{  
    color:#9A0052  
}
```

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 #9A0052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A0052
}
```

Border

The CSS property to change the border of an element to Hex 9A0052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

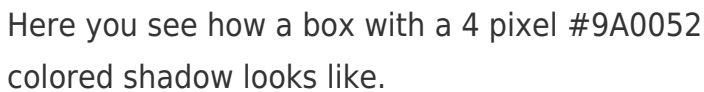
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A0052 }
```

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

```
.border{ border-color:#9A0052 }
```

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



Here you see how a box with a 4 pixel #9A0052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A0052; -webkit-box-shadow:4px 4px  
4px 4px #9A0052; box-shadow:4px 4px 4px  
4px #9A0052 }
```

Background

The CSS property to change the background color of an element to Hex 9A0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A0052 }
```

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

```
.background{ background-color:#9A0052 }
```

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