

Converting Colors

Hex(96002A)

Have a look what the booklet for
Hex(96002A) contains.

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Color

Hex(96002A)

Conversions

Conversions Part 1

Format	Color
Hex	96002A
RGB	150, 0, 42
RGB Percent	59%, 0%, 16%
CMY	0.4118, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.72, 0.41
HSL	343°, 100%, 29%
HSV	343°, 100%, 59%
XYZ	12.9956, 6.6512, 2.7894
YIQ	49.6380, 75.9180, 44.8620

Conversions

Conversions Part 2

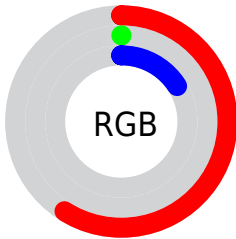
Format	Color
RYB	150, 0, 42
Decimal	9830442
CIELab	31.00, 55.00, 22.08
CIELCh	31, 59.268, 21.868
Yxy	6.6512, 0.5792, 0.2965
Android (android.graphics.Color)	4288020522 (0xFF96002A)
YUV	49.6380, -3.7655, 88.0175
Hunter-Lab	25.7899, 44.8142, 11.6403

Details

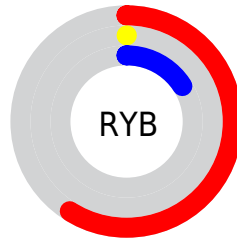
The Hex color **96002A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00966C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D34957**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **96002A**, and if you desaturate by 10%, it is **960F35**.

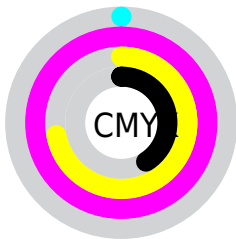
Distribution



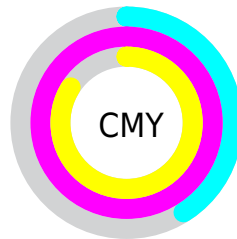
- Red (59%)
- Green (0%)
- Blue (16%)



- Red (59%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96002A 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 96002A by changing the saturation by 10% instead.

 96002A

 96002A

FFFFFF

 780016

 D34957

 5B0000

 F2656F

 3F0002

 FF8089

 1E0001

 FF9CA3

 000000

 FFB9BE

 FFD5DA

 FFF3F6

 96002A

 960F35

 961E40

 962D4A

 963C55

 964B60

 965A6B

 966976

 967880

 96878B

Harmonies

Analogous

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



920058



96002A



842B00

Triad

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



96002A



005802



0053A6

Complementary

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



96002A



00966C

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.



005A92



96002A



005B3A

Square

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



96002A



3A5100



005C6A



1343A0

Rectangle

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



96002A



713C00



005C6A



0056A2

Sweetspot

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



96002A



C28898



6C0096



613E48



E0E0E0



616161

Same Dimension

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



96002A



C20036



962100



4A4345



8A0027



0A0003

Inverse Universe

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



96002A



C20036



007696



4A4345



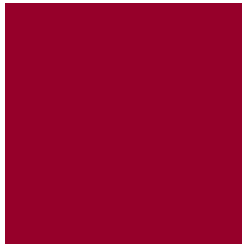
8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 96002A looks on a white background.

Color Contrast Check

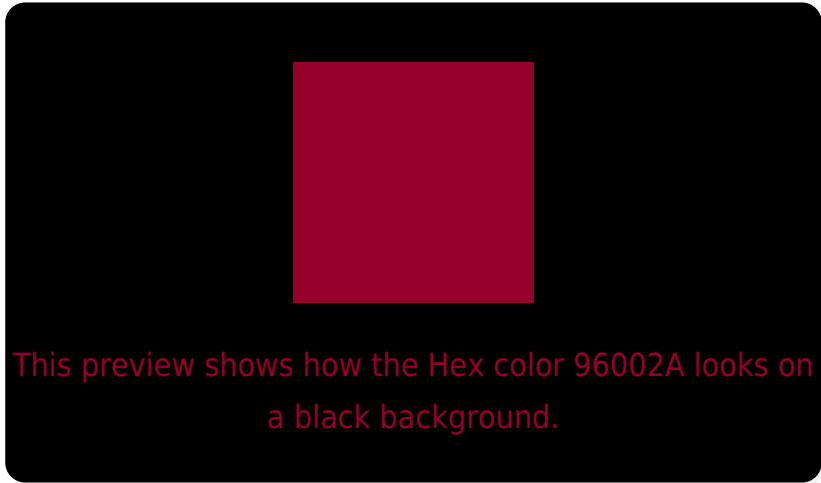
Large Text (above 18pt) WCAG AA ✓ Pass

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 96002A Background



This preview shows how black text looks on a background with the Hex color 96002A.



This preview shows how white text looks on a background with the Hex color 96002A.

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
96002A

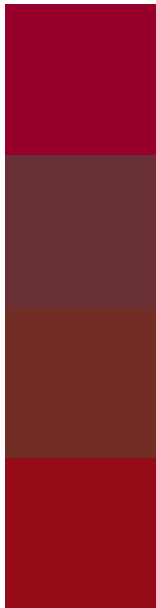
Protanopia
514C3F

Deuteranopia
5E4922



Tritanopia
95110D

Trichromacy



Original Color
96002A

Protanomaly
6A3037

Deuteranomaly
722E25

Tritanomaly
950B18

Monochromacy



Original Color
96002A

Achromatopsia
323232

Achromatomaly
56202F

CSS Examples

Text

The CSS property to change the color of the text to Hex 96002A 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 #96002A looks like.

```
.text, #text, p{  
    color:#96002A  
}
```

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 #96002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96002A
}
```

Border

The CSS property to change the border of an element to Hex 96002A is called "border". The border property can be set on classes, ids or directly on the HTML element.

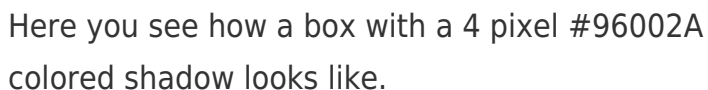
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96002A }
```

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

```
.border{ border-color:#96002A }
```

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



Here you see how a box with a 4 pixel #96002A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96002A; -webkit-box-shadow:4px 4px  
4px 4px #96002A; box-shadow:4px 4px 4px  
4px #96002A }
```

Background

The CSS property to change the background color of an element to Hex 96002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96002A }
```

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

```
.background{ background-color:#96002A }
```

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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