

Converting Colors

Hex(96013D)

Have a look what the booklet for
Hex(96013D) contains.

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Color

Hex(96013D)

Conversions

Conversions Part 1

Format	Color
Hex	96013D
RGB	150, 1, 61
RGB Percent	59%, 0%, 24%
CMY	0.4118, 0.9961, 0.7608
CMYK	0.00, 0.99, 0.59, 0.41
HSL	336°, 99%, 30%
HSV	336°, 99%, 59%
XYZ	13.4308, 6.8427, 5.0278
YIQ	52.3910, 69.5440, 50.2480

Conversions

Conversions Part 2

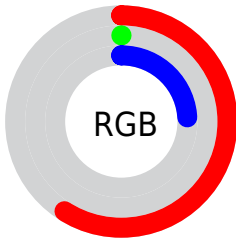
Format	Color
R_{YB}	150, 1, 61
Decimal	9830717
CIE Lab	31.45, 55.92, 10.05
CIE LCh	31, 56.818, 10.190
Yxy	6.8427, 0.5308, 0.2704
Android (android.graphics.Color)	4288020797 (0xFF96013D)
YUV	52.3910, 4.2442, 85.6031
Hunter-Lab	26.1585, 45.8719, 6.9152

Details

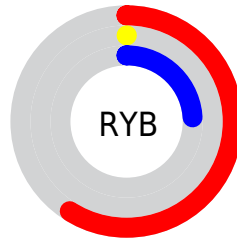
The Hex color **96013D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **01965A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D24A6C**, and **5C0013** is the 20% darker color. If you saturate the color by 10%, you get **96003C**, and if you desaturate by 10%, it is **961046**.

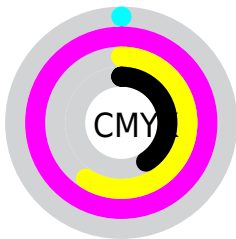
Distribution



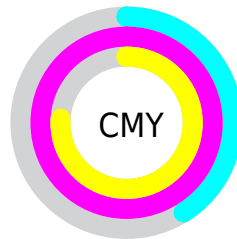
- Red (59%)
- Green (0%)
- Blue (24%)



- Red (59%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (59%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96013D 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 96013D by changing the saturation by 10% instead.

 96013D

 96013D

FFFFFF

 790028

 D24A6C

 5C0013

 F06685

 410002

 FF829F

 210001

 FF9EBA

 000000

 FFBAD6

 FFD7F2

 FFF4FF

 96013D

 96013D

■ 96003C

■ 961046

■ 961F4F

■ 962E58

■ 963D61

■ 964C6A

■ 965B73

■ 966A7C

■ 967985

■ 96888E

Harmonies

Analogous

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



881569



96013D



8C2311

Triad

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



96013D



155600



00579F

Complementary

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



96013D



01965A

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.



005C83



96013D



005B2A

Square

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



96013D



4E4D00



005D59



004BA3

Rectangle

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



96013D



7D3500



005D59



005998

Sweetspot

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



96013D



C2889F



580196



613E4C



E0E0E0



616161

Same Dimension

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



96013D



C2004E



960D01



4A4346



8A0037



0A0004

Inverse Universe

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



96013D



C2004E



018A96



4A4346



8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 96013D looks on a white background.

Color Contrast Check

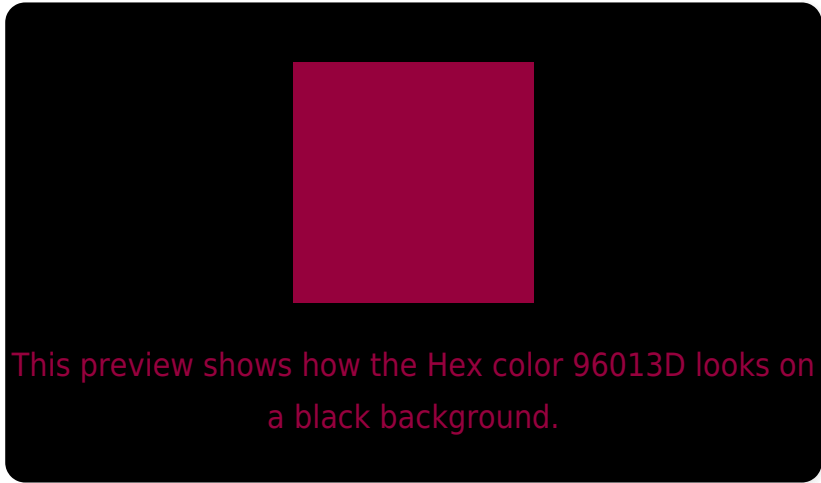
Large Text (above 18pt) WCAG AA ✓ Pass

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 96013D Background



This preview shows how black text looks on a background with the Hex color 96013D.

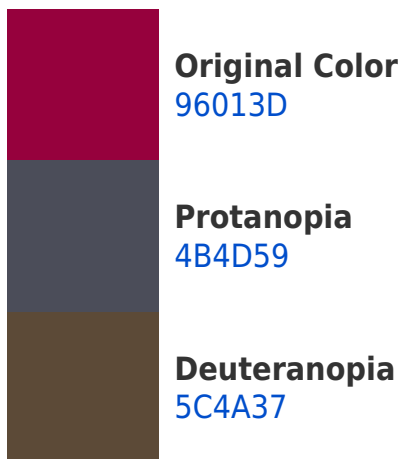


This preview shows how white text looks on a background with the Hex color 96013D.

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](#).

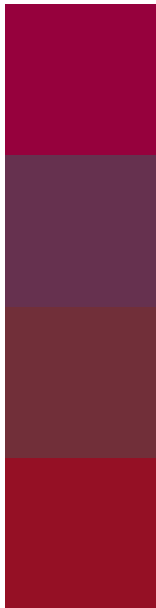
Dichromacy





Tritanopia
951817

Trichromacy



Original Color
96013D

Protanomaly
66314F

Deuteranomaly
712F39

Tritanomaly
951025

Monochromacy



Original Color
96013D

Achromatopsia
343434

Achromatomaly
582137

CSS Examples

Text

The CSS property to change the color of the text to Hex 96013D 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 #96013D looks like.

```
.text, #text, p{  
    color:#96013D  
}
```

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 #96013D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96013D
}
```

Border

The CSS property to change the border of an element to Hex 96013D is called "border". The border property can be set on classes, ids or directly on the HTML element.

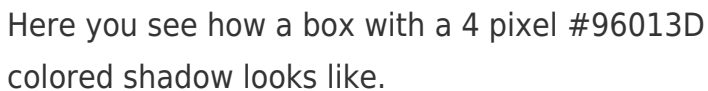
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96013D }
```

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

```
.border{ border-color:#96013D }
```

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



Here you see how a box with a 4 pixel #96013D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96013D; -webkit-box-shadow:4px 4px  
4px 4px #96013D; box-shadow:4px 4px 4px  
4px #96013D }
```

Background

The CSS property to change the background color of an element to Hex 96013D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96013D }
```

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

```
.background{ background-color:#96013D }
```

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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