

Converting Colors

Hex(96193E)

Have a look what the booklet for
Hex(96193E) contains.

Hex(96193E)	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(96193E)

Conversions

Conversions Part 1

Format	Color
Hex	96193E
RGB	150, 25, 62
RGB Percent	59%, 10%, 24%
CMY	0.4118, 0.9020, 0.7569
CMYK	0.00, 0.83, 0.59, 0.41
HSL	342°, 71%, 34%
HSV	342°, 83%, 59%
XYZ	13.7948, 7.5271, 5.2832
YIQ	66.5930, 62.6230, 38.0070

Conversions

Conversions Part 2

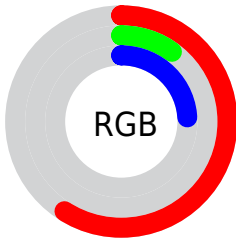
Format	Color
R_{YB}	150, 25, 62
Decimal	9836862
CIE _{Lab}	32.98, 51.65, 11.50
CIE _{LCh}	33, 52.914, 12.549
Yxy	7.5271, 0.5185, 0.2829
Android (android.graphics.Color)	4288026942 (0xFF96193E)
YUV	66.5930, -2.2643, 73.1479
Hunter-Lab	27.4355, 41.7390, 7.7875

Details

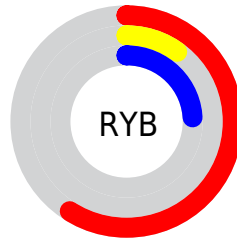
The Hex color **96193E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **199671**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D1546D**, and **5C0014** is the 20% darker color. If you saturate the color by 10%, you get **960A33**, and if you desaturate by 10%, it is **962849**.

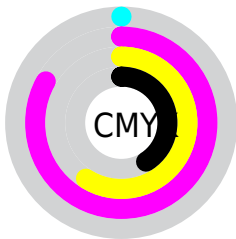
Distribution



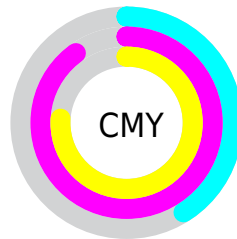
- Red (59%)
- Green (10%)
- Blue (24%)



- Red (59%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (83%)
- Yellow (59%)
- Black (41%)



- Cyan (41%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96193E 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 96193E by changing the saturation by 10% instead.

 96193E

 96193E

FFFFFF

 790028

 D1546D

 5C0014

 F06F86

 410001

 FF8AA1

 230001

 FFA6BB

 000000

 FFC2D7

 FFDFF4

 FFFDFF

 96193E

 96193E

■ 960A33

■ 962849

■ 96002C

■ 963753

■ 96465E

■ 965568

■ 966473

■ 96737D

■ 968288

■ 969192

■ 96A09D

Harmonies

Analogous

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



8B2168



96193E



8C2D16

Triad

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



96193E



1B5A01



00599E

Complementary

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



96193E



199671

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.



005F86



96193E



005E33

Square

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



96193E



4F5100



00605F



004DA0

Rectangle

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



96193E



7C3C00



00605F



005C98

Sweetspot

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



96193E



C291A0



711996



61444C



E0E0E0



616161

Same Dimension

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



96193E



C20039



963219



4A4345



8A0029



0A0003

Inverse Universe

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



96193E



C20039



197D96



4A4345



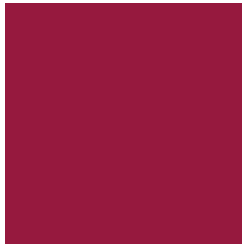
8A0029



0A0003

Previews

White Background



This preview shows how the Hex color 96193E looks on a white background.

Color Contrast Check

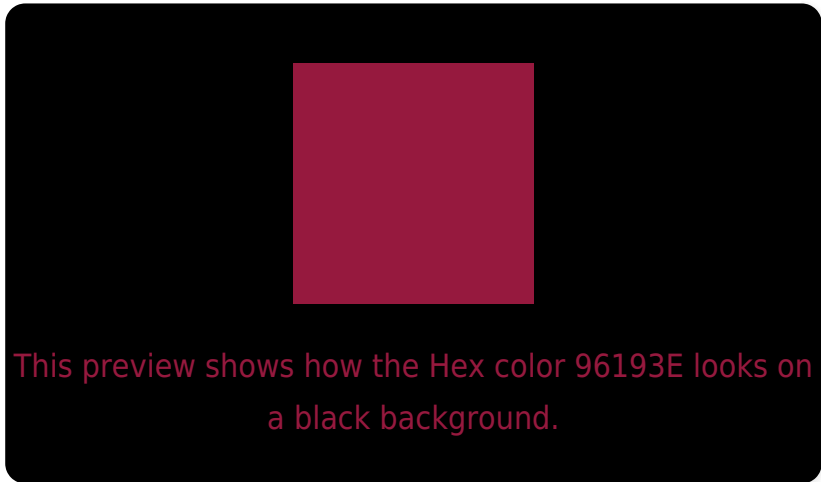
Large Text (above 18pt) WCAG AA ✓ Pass

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 96193E Background



This preview shows how black text looks on a background with the Hex color 96193E.



This preview shows how white text looks on a background with the Hex color 96193E.

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
96193E

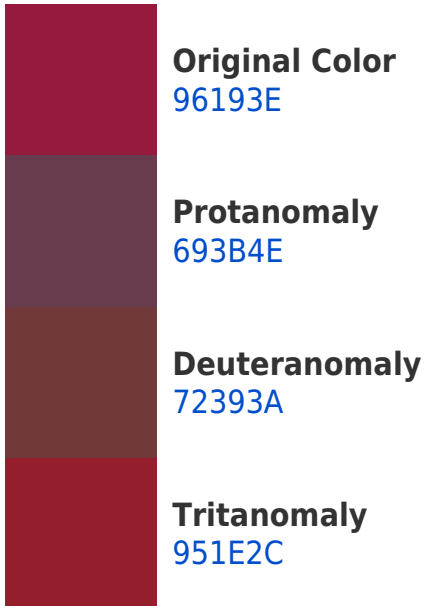
Protanopia
4F4F57

Deuteranopia
5E4C38

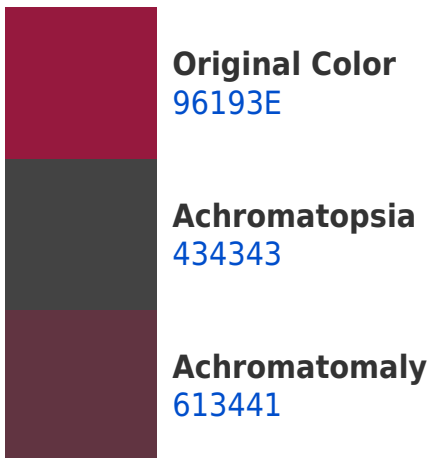


Tritanopia
952121

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96193E 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 #96193E looks like.

```
.text, #text, p{  
    color:#96193E  
}
```

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 #96193E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96193E
}
```

Border

The CSS property to change the border of an element to Hex 96193E is called "border". The border property can be set on classes, ids or directly on the HTML element.

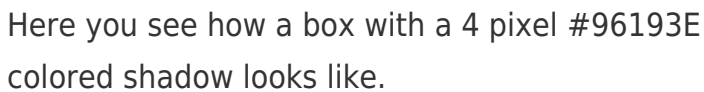
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96193E }
```

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

```
.border{ border-color:#96193E }
```

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



Here you see how a box with a 4 pixel #96193E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96193E; -webkit-box-shadow:4px 4px  
4px 4px #96193E; box-shadow:4px 4px 4px  
4px #96193E }
```

Background

The CSS property to change the background color of an element to Hex 96193E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96193E }
```

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

```
.background{ background-color:#96193E }
```

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