

Converting Colors

Hex(9E1433)

Have a look what the booklet for
Hex(9E1433) contains.

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Color

Hex(9E1433)

Conversions

Conversions Part 1

Format	Color
Hex	9E1433
RGB	158, 20, 51
RGB Percent	62%, 8%, 20%
CMY	0.3804, 0.9216, 0.8000
CMYK	0.00, 0.87, 0.68, 0.38
HSL	347°, 78%, 35%
HSV	347°, 87%, 62%
XYZ	14.9482, 8.0084, 3.8899
YIQ	64.7960, 72.2970, 38.8970

Conversions

Conversions Part 2

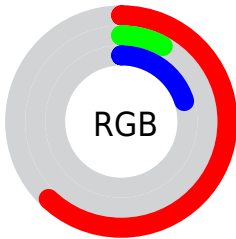
Format	Color
R_{YB}	158, 20, 51
Decimal	10359859
CIE _{Lab}	34.00, 54.37, 20.34
CIE _{LCh}	34, 58.050, 20.508
Yxy	8.0084, 0.5568, 0.2983
Android (android.graphics.Color)	4288549939 (0xFF9E1433)
YUV	64.7960, -6.8014, 81.7399
Hunter-Lab	28.2992, 44.7641, 11.6597

Details

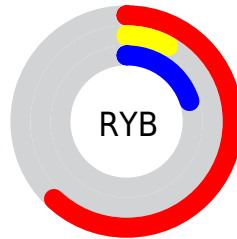
The Hex color **9E1433** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **149E7F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **DB5261**, and **630006** is the 20% darker color. If you saturate the color by 10%, you get **9E0427**, and if you desaturate by 10%, it is **9E243F**.

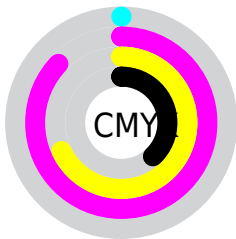
Distribution



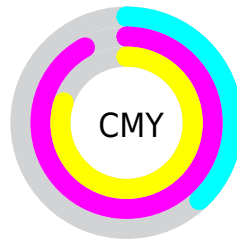
- Red (62%)
- Green (8%)
- Blue (20%)



- Red (62%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (68%)
- Black (38%)



- Cyan (38%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E1433 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 9E1433 by changing the saturation by 10% instead.

 9E1433

 9E1433

FFFFFF

 80001E

 DB5261

 630006

 FA6E7A

 460001

 FF8A94

 290001

 FFA6AE

 000000

 FFC2C9

 FFDFE5

 FFFCFF

 9E1433

 9E1433

■ 9E0427

■ 9E243F

■ 9E0023

■ 9E344C

■ 9E4358

■ 9E5364

■ 9E6370

■ 9E737D

■ 9E8389

■ 9E9295

■ 9EA2A1

Harmonies

Analogous

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



991161



9E1433



8E3202

Triad

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



9E1433



005F0A



005AAC

Complementary

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



9E1433



149E7F

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.



006297



9E1433



00633F

Square

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



9E1433



445700



00646F



1C4AA7

Rectangle

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



9E1433



7A4200



00646F



005DA8

Sweetspot

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



9E1433



CF99A5



7E149E



69484F



E8E8E8



696969

Same Dimension

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



9E1433



CF002E



9E3914



4F4749



8F0020



0F0003

Inverse Universe

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



9E1433



CF002E



14799E



4F4749



8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 9E1433 looks on a white background.

Color Contrast Check

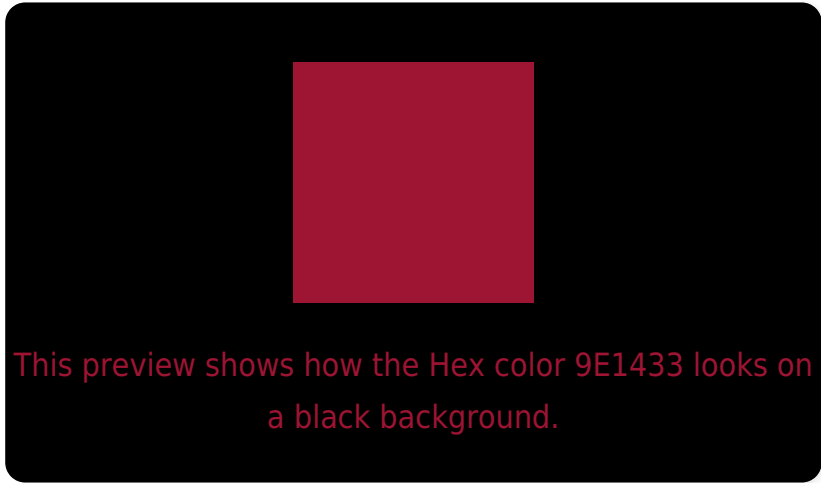
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E1433 Background



This preview shows how black text looks on a background with the Hex color 9E1433.

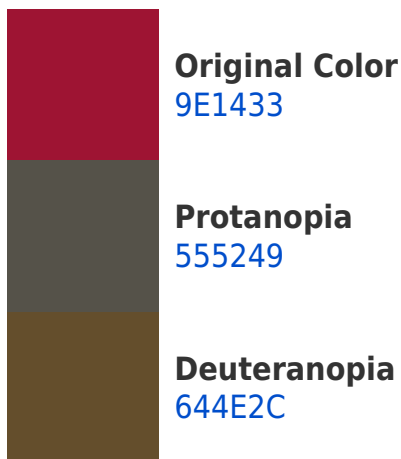


This preview shows how white text looks on a background with the Hex color 9E1433.

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](#).

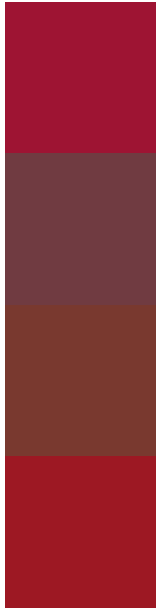
Dichromacy





Tritanopia
9D1B1A

Trichromacy



Original Color
9E1433

Protanomaly
703B41

Deuteranomaly
79392F

Tritanomaly
9D1823

Monochromacy



Original Color
9E1433

Achromatopsia
414141

Achromatomaly
63313C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E1433 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 #9E1433 looks like.

```
.text, #text, p{  
    color:#9E1433  
}
```

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 #9E1433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E1433
}
```

Border

The CSS property to change the border of an element to Hex 9E1433 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
#9E1433 }
```

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

```
.border{ border-color:#9E1433 }
```

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

Here you see how a box with a 4 pixel #9E1433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E1433; -webkit-box-shadow:4px 4px  
4px 4px #9E1433; box-shadow:4px 4px 4px  
4px #9E1433 }
```

Background

The CSS property to change the background color of an element to Hex 9E1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E1433 }
```

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

```
.background{ background-color:#9E1433 }
```

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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