

Converting Colors

Hex(9E0E21)

Have a look what the booklet for
Hex(9E0E21) contains.

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Color

Hex(9E0E21)

Conversions

Conversions Part 1

Format	Color
Hex	9E0E21
RGB	158, 14, 33
RGB Percent	62%, 5%, 13%
CMY	0.3804, 0.9451, 0.8706
CMYK	0.00, 0.91, 0.79, 0.38
HSL	352°, 84%, 34%
HSV	352°, 91%, 62%
XYZ	14.5321, 7.6930, 2.1578
YIQ	59.2220, 79.7250, 36.4370

Conversions

Conversions Part 2

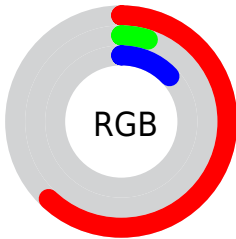
Format	Color
RYB	158, 14, 33
Decimal	10358305
CIELab	33.34, 54.71, 30.94
CIELCh	33, 62.852, 29.487
Yxy	7.6930, 0.5960, 0.3155
Android (android.graphics.Color)	4288548385 (0xFF9E0E21)
YUV	59.2220, -12.9274, 86.6283
Hunter-Lab	27.7362, 44.9848, 14.8027

Details

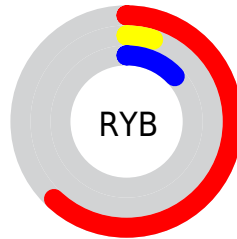
The Hex color **9E0E21** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0E9E8B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **DC4F4E**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9E0015**, and if you desaturate by 10%, it is **9E1E2F**.

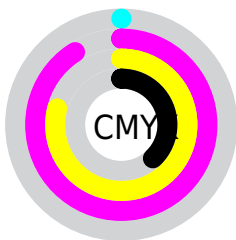
Distribution



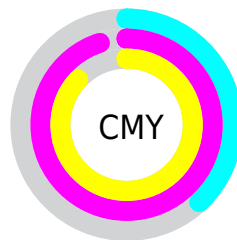
- Red (62%)
- Green (5%)
- Blue (13%)



- Red (62%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (38%)



- Cyan (38%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E0E21 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 9E0E21 by changing the saturation by 10% instead.

 9E0E21

 9E0E21

FFFFFF

 80000C

 DC4F4E

 620000

 FB6B66

 450001

 FF877F

 270001

 FFA399

 000000

 FFBFB4

 FFDCCF

 FFF9EB

 9E0E21

 9E0E21

■ 9E0015

■ 9E1E2F

■ 9E2E3C

■ 9E3D4A

■ 9E4D58

■ 9E5D66

■ 9E6D73

■ 9E7D81

■ 9E8C8F

■ 9E9C9C

Harmonies

Analogous

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



A10052



9E0E21



873600

Triad

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



9E0E21



006015



0056B4

Complementary

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



9E0E21



0E9E8B

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.



0060A5



9E0E21



00624C

Square

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



9E0E21



2F5900



00637F



4141A6

Rectangle

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



9E0E21



6F4600



00637F



005AB2

Sweetspot

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



9E0E21



CF979E



8B0E9E



69474C



E8E8E8



696969

Same Dimension

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



9E0E21



CF001B



9E430E



4F4748



8F0013



0F0002

Inverse Universe

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



9E0E21



CF001B



0E699E



4F4748



8F0013



0F0002

Previews

White Background



This preview shows how the Hex color 9E0E21 looks on a white background.

Color Contrast Check

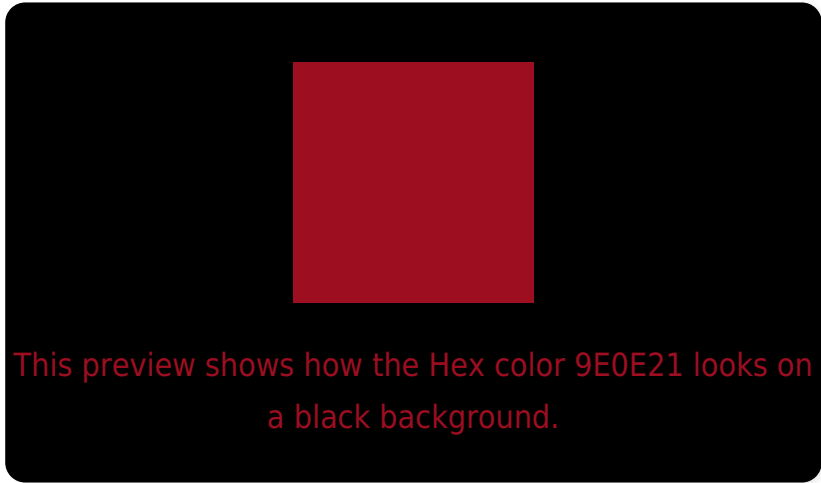
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0E21 Background



This preview shows how black text looks on a background with the Hex color 9E0E21.

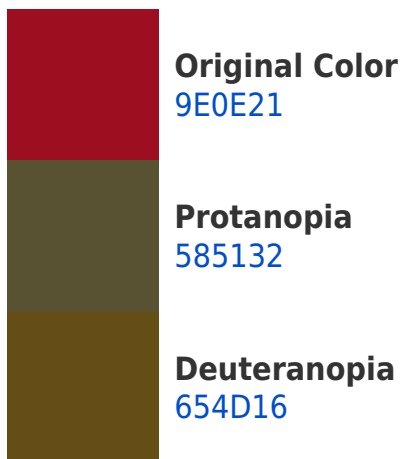


This preview shows how white text looks on a background with the Hex color 9E0E21.

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



Trichromacy



Original Color
9E0E21

Protanomaly
71392C

Deuteranomaly
7A361A

Tritanomaly
9E1115

Monochromacy



Original Color
9E0E21

Achromatopsia
3B3B3B

Achromatomaly
5F2B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E0E21 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 #9E0E21 looks like.

```
.text, #text, p{  
    color:#9E0E21  
}
```

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 #9E0E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0E21
}
```

Border

The CSS property to change the border of an element to Hex 9E0E21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

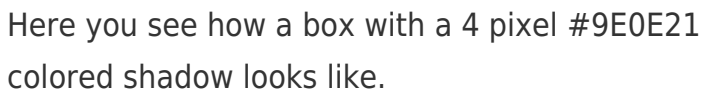
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E0E21 }
```

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

```
.border{ border-color:#9E0E21 }
```

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



Here you see how a box with a 4 pixel #9E0E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0E21; -webkit-box-shadow:4px 4px  
4px 4px #9E0E21; box-shadow:4px 4px 4px  
4px #9E0E21 }
```

Background

The CSS property to change the background color of an element to Hex 9E0E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0E21 }
```

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

```
.background{ background-color:#9E0E21 }
```

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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